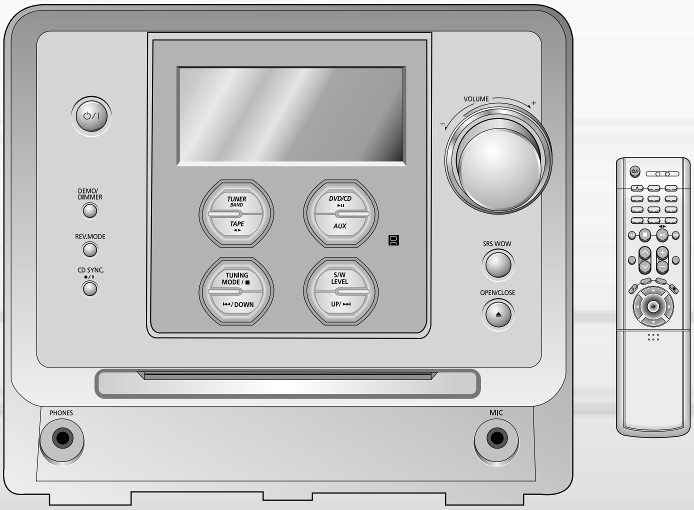
SAMSUNG

DIGITAL HOME CINEMA SYSTEM

MM-DS80

Instruction Manual


VOLUME
DEMO/
DIMMER
REV.MODE
CD SYNC.
TUNER
BAND
TAPE
DVD/CD
AUX
TUNING
MODE / ■
⏮/ DOWN
S/W
LEVEL
UP/ ⏭
SRS WOW
OPEN/CLOSE
PHONES
MIC

DVD VIDEO COMPACT disc DIGITAL AUDIO COMPACT disc DIGITAL VIDEO MP3 DIGITAL DISC PLAYBACK

Safety Warnings

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LASER CLASE 1

⚡ **CAUTION** ⚠
RISK OF ELECTRIC SHOCK.
DO NOT OPEN

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE REAR COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION-INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

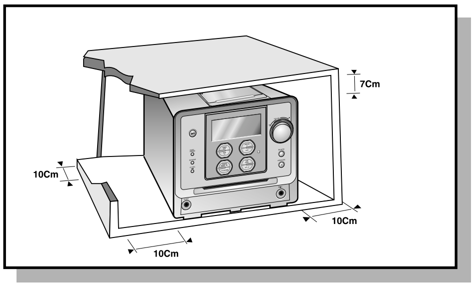
⚡ This symbol indicates that dangerous voltage which can cause electric shock is present inside this unit.

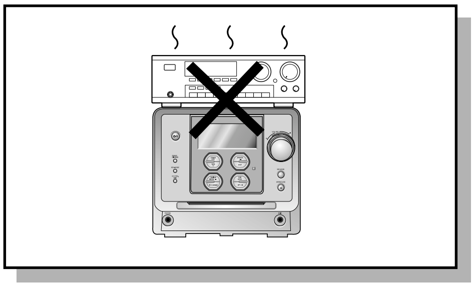
⚠ This symbol alerts you to important operating and maintenance instructions accompanying the unit.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

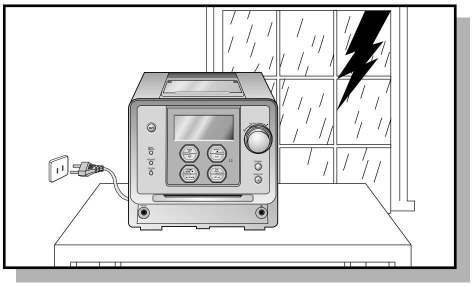
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

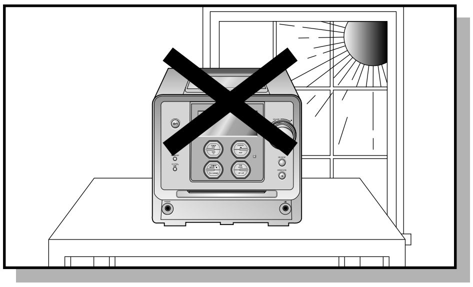
Precautions





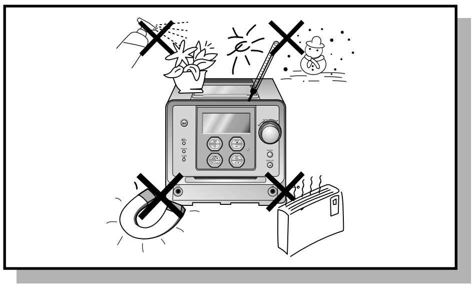
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4inches). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the disc tray is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.

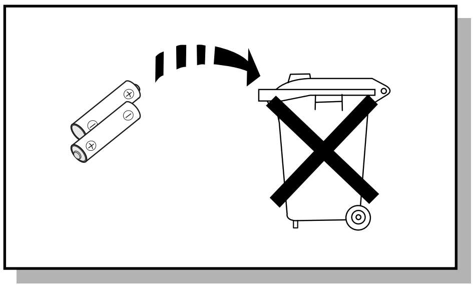




During thunderstorms, disconnect AC main plug from the wall outlet.
Voltage peaks due to lightning could damage the unit.

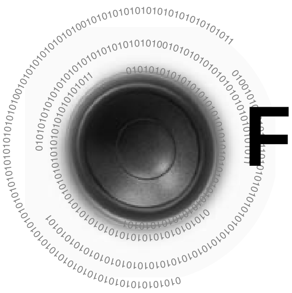
Do not expose the unit to direct sunlight or other heat sources.
This could lead to overheating and malfunction of the unit.





Protect the player from moisture(i.e. vases) , and excess heat(e.g.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use.
Use of this product is for personal use only.
Condensation may occur if your player or disc have been stored in cold temperatures.
If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.

The battery used with this product contain chemicals that are harmful to the environment.
Do not dispose of batteries in the general household trash.



Features

Multi-Disc Playback & AM/FM Tuner, TAPE

The MM-DS80 combines the convenience of multi-disc playback capability, including DVD, CD, MP3-CD, CD-R, CD-RW, and DVD-RW, with a sophisticated AM/FM tuner, TAPE, all in a single player.

TV Screen Saver Function

The MM-DS80 automatically brightens and darkens the brightness of the TV screen after 2 minutes in the stop or pause mode.
The MM-DS80 automatically switches itself into the power saving mode after 20 minutes in the screen saver mode.

Power Saving Function

The MM-DS80 automatically shuts itself off after 20 minutes in the stop or pause mode.

Customized TV Screen Display

The MM-DS80 allows you to select your favorite image during JPEG, DVD playback and set it as your background wallpaper.

DVD (Digital Versatile Disc) offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.

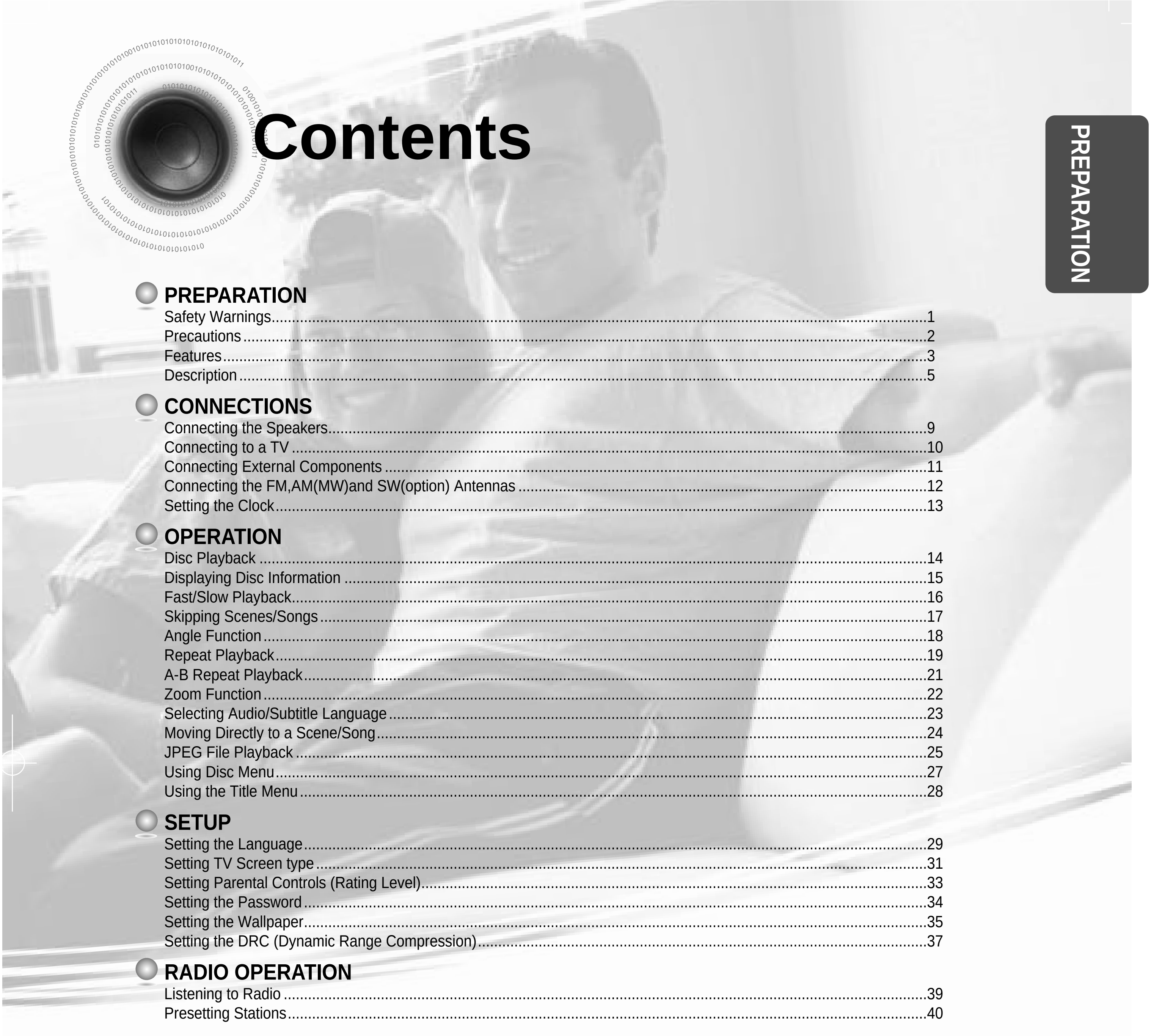
1 ~ 6

DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.
The Region Number for this player is given on the rear panel of the player.
(Your DVD player will only play DVDs that are labeled with identical region codes.)

Copy Protection

- **Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.**
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Contents



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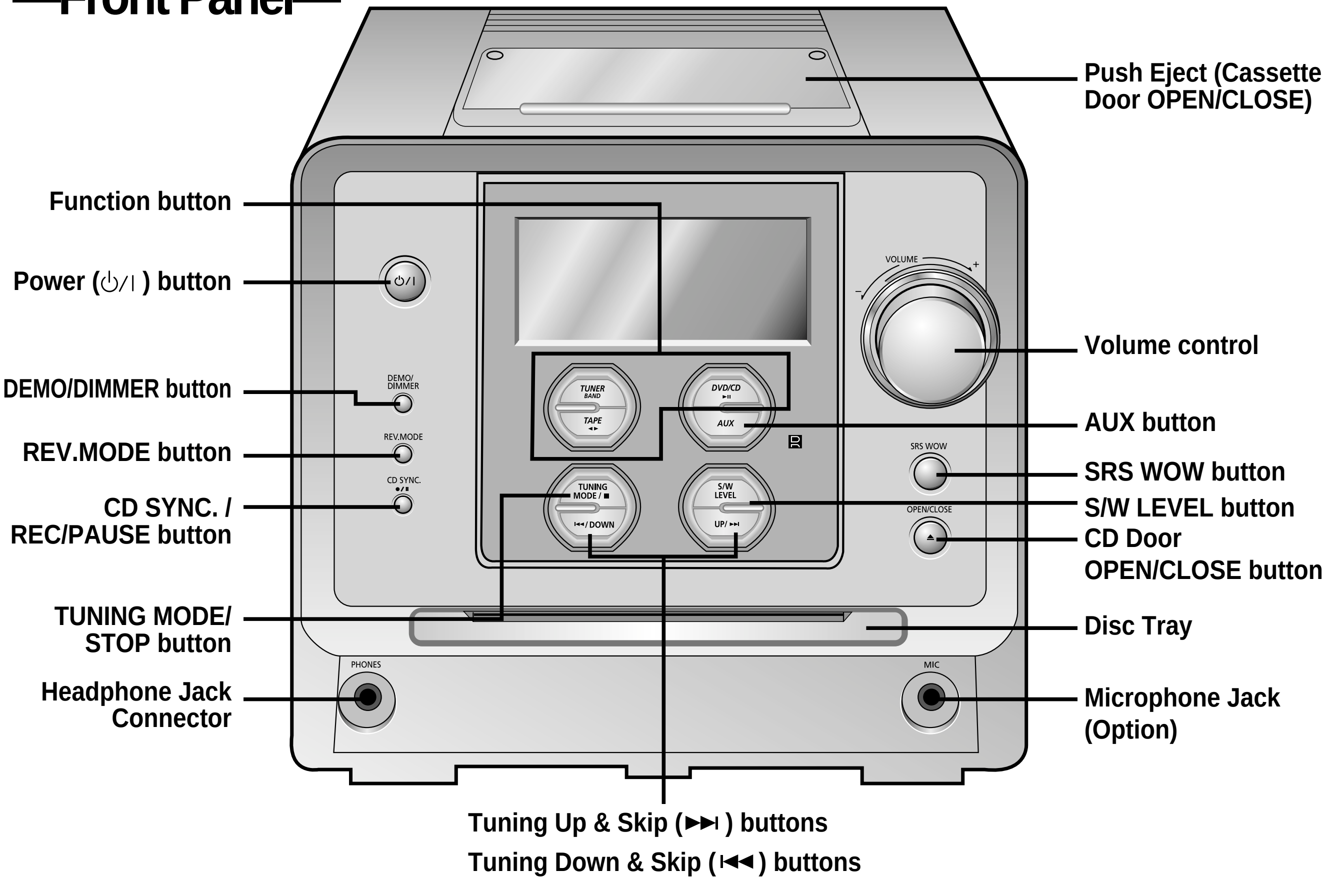
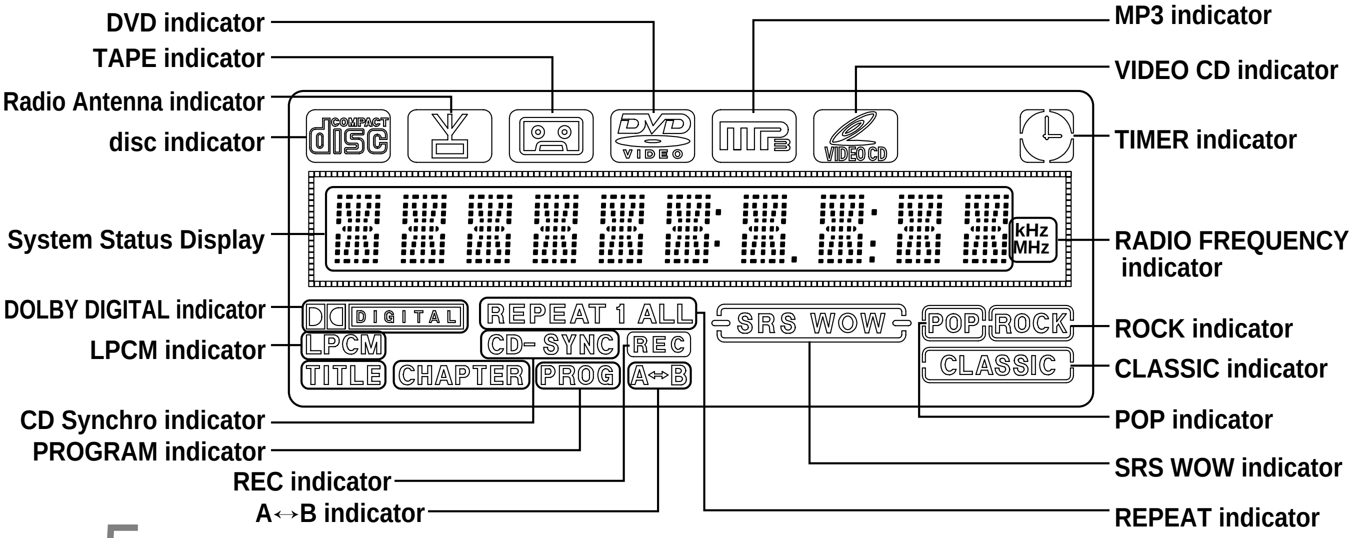
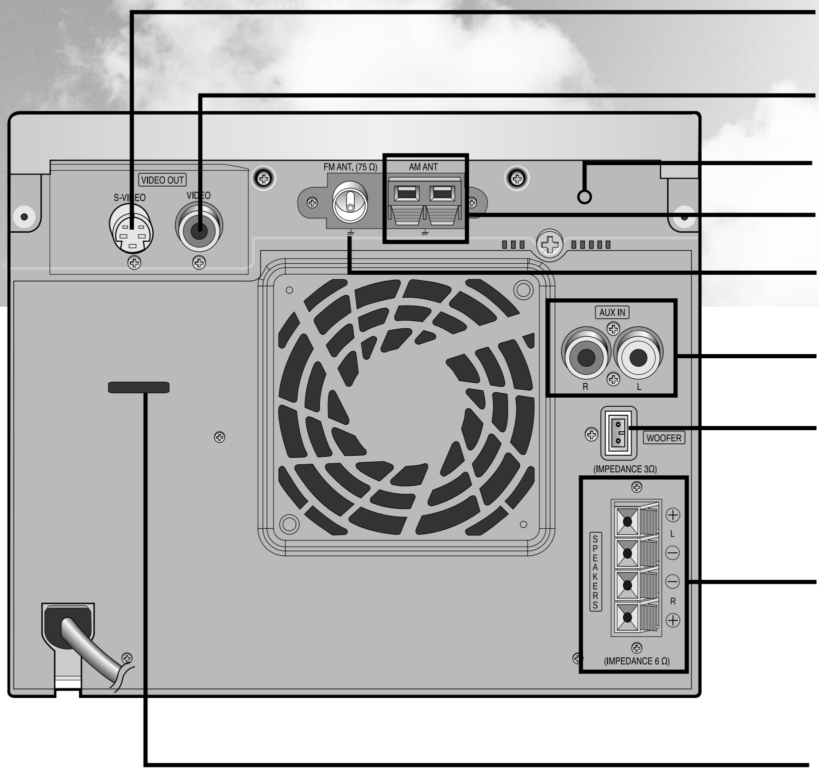
Description

Front Panel


Push Eject (Cassette Door OPEN/CLOSE)
Function button
Power (⏻/I) button
Volume control
DEMO/DIMMER button
AUX button
REV.MODE button
SRS WOW button
CD SYNC. / REC/PAUSE button
S/W LEVEL button
CD Door OPEN/CLOSE button
TUNING MODE/ STOP button
Disc Tray
Headphone Jack Connector
Microphone Jack (Option)
Tuning Up & Skip (⏭) buttons
Tuning Down & Skip (⏮) buttons
VOLUME
DEMO/ DIMMER
REV.MODE
CD SYNC.
TUNER BAND
TAPE
DVD/CD
AUX
TUNING MODE / ■
⏮/ DOWN
S/W LEVEL
UP/ ⏭
SRS WOW
OPEN/CLOSE
PHONES
MIC


DVD indicator
TAPE indicator
Radio Antenna indicator
disc indicator
System Status Display
DOLBY DIGITAL indicator
LPCM indicator
CD Synchro indicator
PROGRAM indicator
REC indicator
A↔B indicator
MP3 indicator
VIDEO CD indicator
TIMER indicator
RADIO FREQUENCY indicator
ROCK indicator
CLASSIC indicator
POP indicator
SRS WOW indicator
REPEAT indicator
COMPACT disc
DVD VIDEO
VIDEO CD
kHz
MHz
DIGITAL
REPEAT 1 ALL
SRS WOW
POP
ROCK
LPCM
CD- SYNC
REC
CLASSIC
TITLE
CHAPTER
PROG
A↔B

—Rear Panel—


VIDEO OUT
S-VIDEO
VIDEO
FM ANT. (75 Ω)
AM ANT
AUX IN
R
L
WOOFER
(IMPEDANCE 3Ω)
SPEAKERS
L
R
(IMPEDANCE 6 Ω)

S-Video Output Connector
If the TV is equipped with an S-Video input connector (S-VIDEO IN), connect it to the player's S-Video output jack.

Video Output Connector
Connect the TV's video input jacks (VIDEO IN) to the VIDEO OUT connector.

SW Antenna Connector (Option)

AM Antenna Connector

FM Antenna Connector

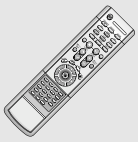
AUX-Input

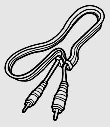
SUBWOOFER Output Connector

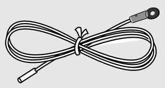
Loudspeaker Connector Terminals

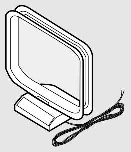
Voltage Selector (Option)

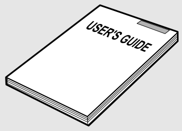
Accessories


Remote Control


Video Cable

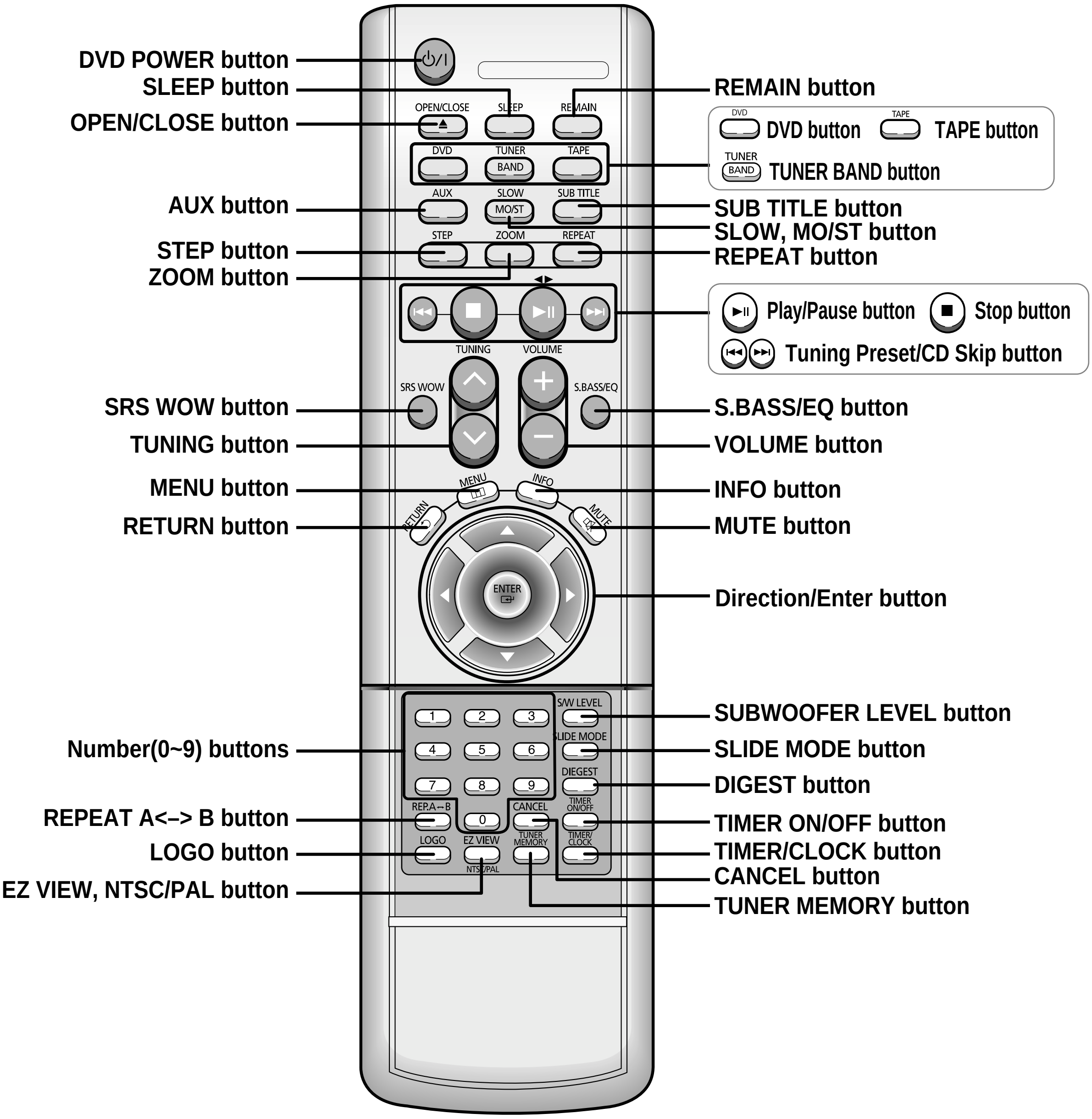

FM Antenna


AM Antenna


USER'S GUIDE
User's Manual

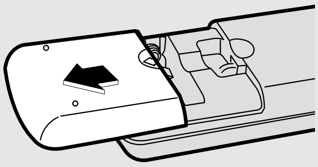
Description

—Remote Control—

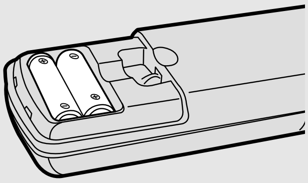

DVD POWER button
SLEEP button
OPEN/CLOSE button
AUX button
STEP button
ZOOM button
SRS WOW button
TUNING button
MENU button
RETURN button
Number(0~9) buttons
REPEAT A<–> B button
LOGO button
EZ VIEW, NTSC/PAL button
REMAIN button
DVD button
TAPE button
TUNER BAND button
SUB TITLE button
SLOW, MO/ST button
REPEAT button
Play/Pause button
Stop button
Tuning Preset/CD Skip button
S.BASS/EQ button
VOLUME button
INFO button
MUTE button
Direction/Enter button
SUBWOOFER LEVEL button
SLIDE MODE button
DIGEST button
TIMER ON/OFF button
TIMER/CLOCK button
CANCEL button
TUNER MEMORY button
OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
TIMER ON/OFF
REP.A↔B
CANCEL
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL
1
2
3
4
5
6
7
8
9
0

Insert Remote Batteries

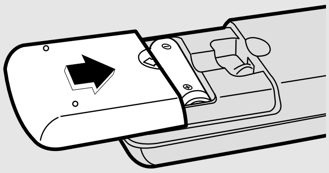
1 Remove the battery cover on the back of the remote by pressing down and sliding the cover in the direction of the arrow.



2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and –).



3 Replace the battery cover.



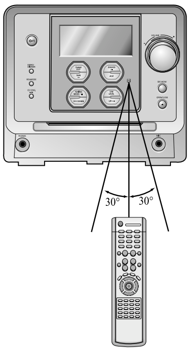
Caution

Follow these precautions to avoid leaking or cracking cells:

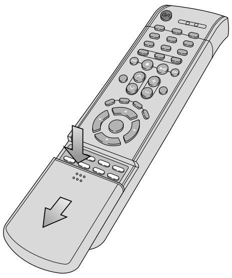
- Place batteries in the remote control so they match the polarity:(+) to (+)and (–)to (–).
- Use the correct type of batteries.Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose batteries to heat or flame.

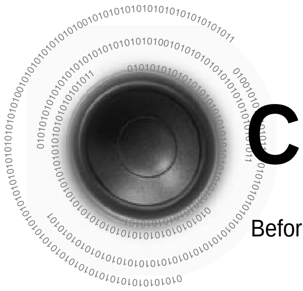
Range of Operation of the Remote Control

The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.



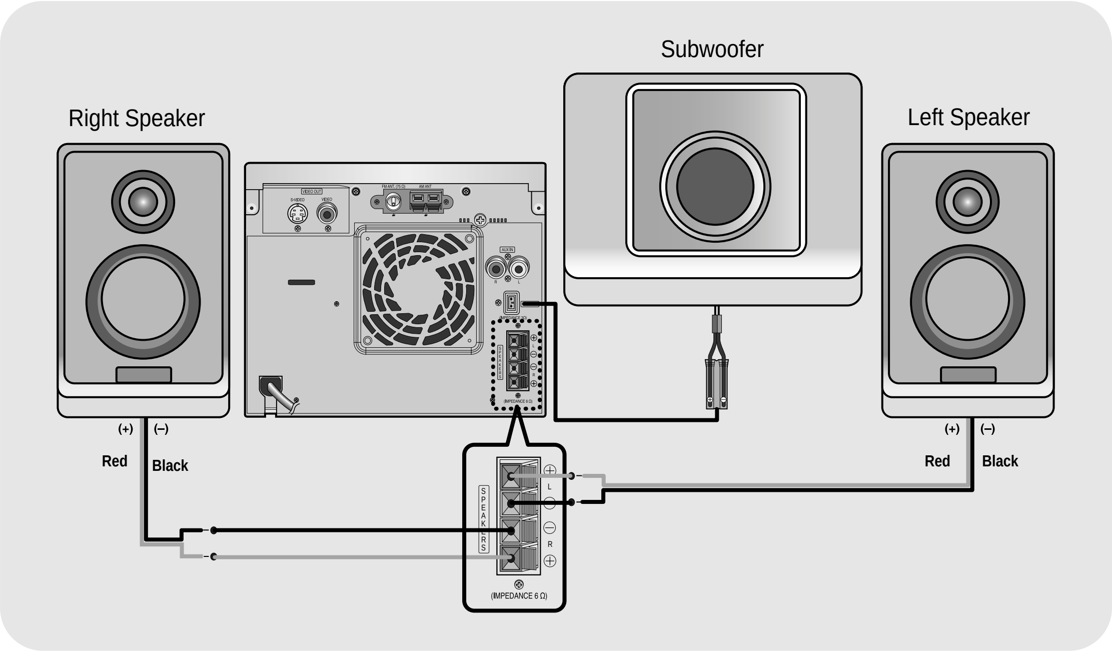
To open the remote control cover, push the top of the cover, then slide downward.





Connecting the Speakers

Before moving or installing the product, be sure to turn off the power and disconnect the power cord.



Position of the DVD Player

- Place it on a stand or cabinet shelf, or under the TV stand.

Front Speakers L R

- Place these speakers in front of your listening position, facing inwards (about 45°) toward you.
- Place the speakers so that their tweeters will be at the same height as your ear.
- Align the front face of the front speakers with the front face of the center speaker or place them slightly in front of the center speakers.

Selecting the Listening Position

The listening position should be located about 2.5 to 3 times the distance of the TV's screen size away from the TV. Example: For 32" TVs 2~2.4m (6~8feet)
For 55" TVs 3.5~4m (11~13feet)

Subwoofer SW

- The position of the subwoofer is not so critical.
  Place it anywhere you like.
- Usually, it is placed by a corner near the front speakers.

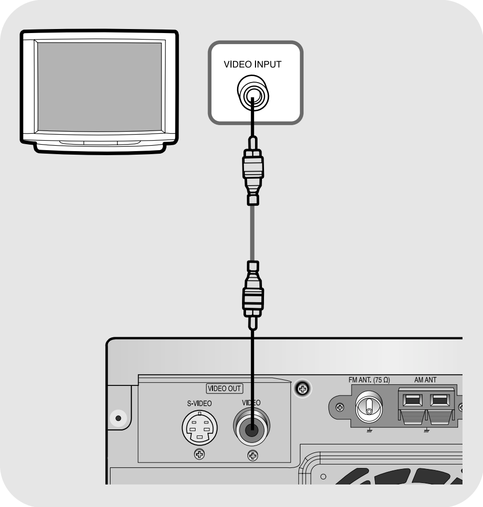
Directions in Installing Speaker

- Installation in a place near heating apparatus, under direct lay of light or with high humidity may cause performance degradation of the speaker.
- Do not install on the wall or on a high place of pole or other unstable place to prevent any safety accident caused by falling of the speaker.
- Do not take the speaker apart from TV or computer monitor.
  The speaker near the TV or computer monitor may influence the quality of the screen display.

Connecting to a TV

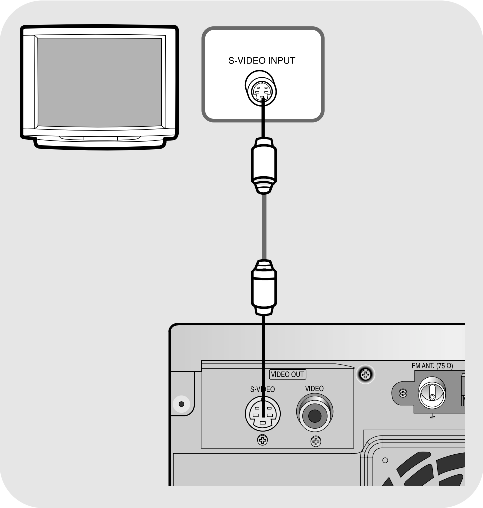
Please be sure to turn off the power and unplug the power cord before moving or installing this unit.
Please choose one of two video connection methods.

Method 1 Using Video Out (Cable Included)


VIDEO INPUT
VIDEO OUT
S-VIDEO
VIDEO
FM ANT. (75 Ω)
AM ANT

1. Connect Video Out on the player to Video In on your TV.
2. Press the TV/VIDEO button on the remote of TV control to set the TV to "VIDEO".

Method 2 Using S-Video Out (Cable Not Included)


S-VIDEO INPUT
VIDEO OUT
S-VIDEO
VIDEO
FM ANT. (75 Ω)

Use this method if your TV has an S-Video In jack.

1. Connect S-Video Out to S-Video In on your TV.
2. Press the TV/VIDEO button on the remote control of TV to set the TV to "S-VIDEO".

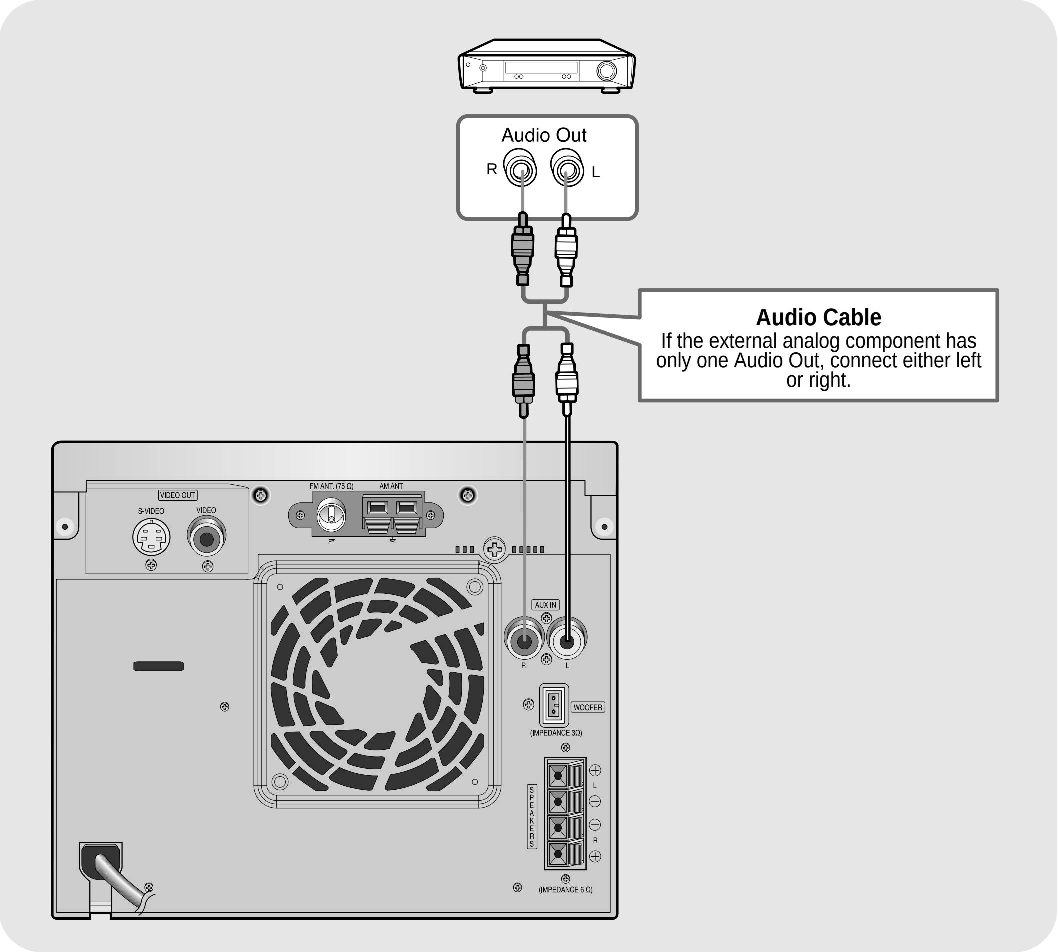
Note

- Composite Video: A single video signal that is a composite of the black-and-white information (Y) and the color information (C).
- S-Video: A video transmission standard that provides a sharper, brighter picture than ordinary composite video by separating brightness and color signals.

Connecting External Components

Connecting an External Analog Component

Example: Analog signal components such as a VCR, Camcorder, and TV.


Audio Out
R
L
VIDEO OUT
S-VIDEO
VIDEO
FM ANT. (75 Ω)
AM ANT
AUX IN
R
L
WOOFER
(IMPEDANCE 3Ω)
SPEAKERS
L
R
(IMPEDANCE 6 Ω)

Audio Cable
If the external analog component has only one Audio Out, connect either left or right.

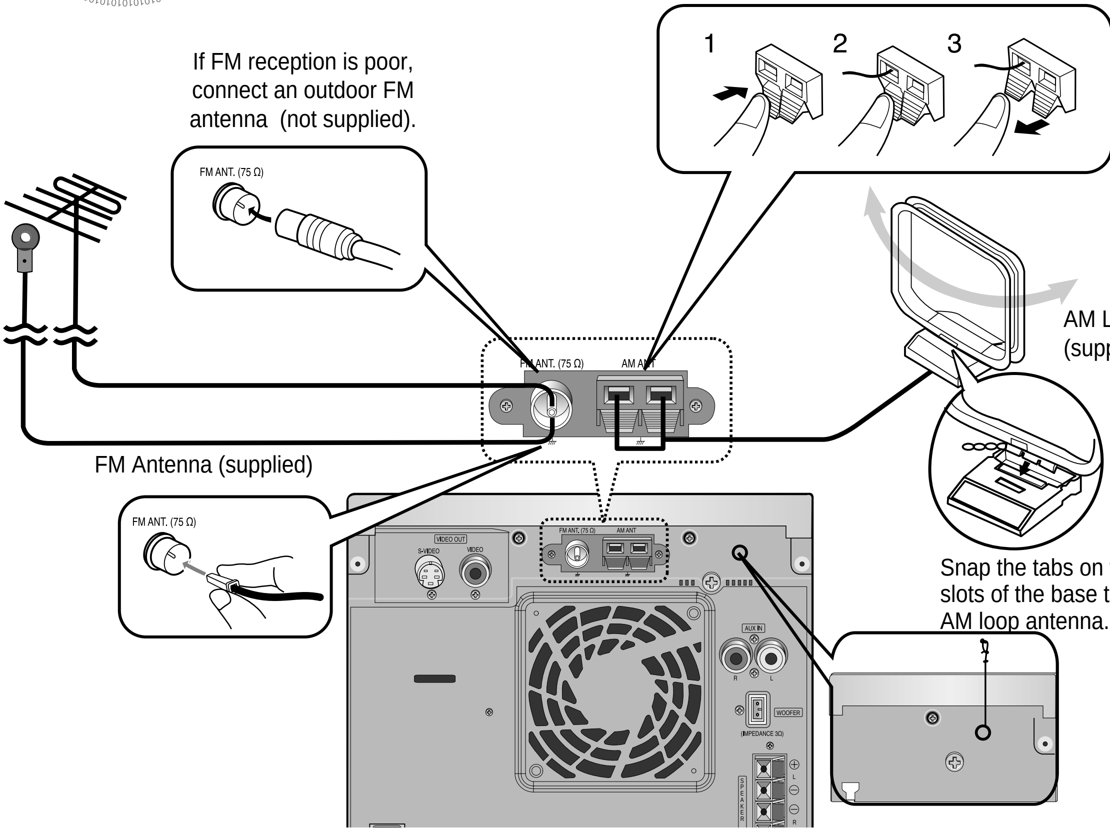
1 Connect Audio In on the DVD player to Audio Out on the external analog component.

- Be sure to match connector colors.

2 Press **AUX** to select AUX.

- '**AUX**' appears in the display.

Connecting the FM, AM(MW/LW) andSW(option)Antennas



If AM reception is poor, connect an outdoor AM antenna(not supplied).

If FM reception is poor, connect an outdoor FM antenna (not supplied).

AM Loop Antenna (supplied)

FM Antenna (supplied)

Snap the tabs on the loop into the slots of the base to assemble the AM loop antenna.

Spread the SW aerial out and attach the ends to a wall, in the position providing the best reception.
If reception is poor (e.g. distance from transmitter too great, walls blocking the radio waves, etc.), install an outdoor aerial.

FM antenna connection

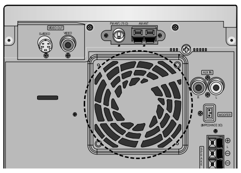
1. **Connect the FM antenna supplied to the FM 75Ω COAXIAL terminal as a temporary measure.**
2. **Slowly move the antenna wire around until you find a location where reception is good, then fasten it to a wall or other rigid surface.**

- If reception is poor, connect an outdoor antenna. Before attaching a 75Ω coaxial cable (with a standard type connector), disconnect the supplied FM antenna.

AM(MW/LW) antenna connection

1. **Connect the AM loop antenna supplied to the AM and ⏚ terminals.**
2. **If reception is poor, connect an outdoor single vinyl-covered wire to the AM terminal. (Keep the AM loop antenna connected).**

Cooling Fan



The cooling fan dissipates the heat generated inside the unit so that the unit can be operated normally. The cooling fan is activated automatically to supply cool air to the unit.

Please observe the following cautions for your safety.

- Make sure the unit is well-ventilated. If the unit has poor ventilation, the temperature inside the unit could rise and may damage it.
- Do not obstruct the cooling fan or ventilation holes. (If the cooling fan or ventilation holes are covered with a newspaper or cloth, heat may build up inside the unit and fire may result.)

Setting the Clock

For each step, you have a few seconds to set the required options.
If you exceed this time, you must start again.

1 Switch the system on by pressing **POWER** button.

2 Press **TIMER/CLOCK** twice.

- **CLOCK** is displayed.

3 Press **ENTER**. The hour flashes.

- Increase the hours : ▷
- Decrease the hours : ◁

4 When the correct hour is displayed, press **ENTER**. The minutes flash.

- Increase the minutes : ▷
- Decrease the minutes : ◁

5 When the correct time is displayed, press **ENTER**.

- "**TIMER**" appears in the display.
- The current time is now set.

Note

- You can display the time, even when you are using another function, by pressing **TIMER/CLOCK** once.

Selecting the Video Format

Turn off the main unit and then press **NTSC/PAL**.

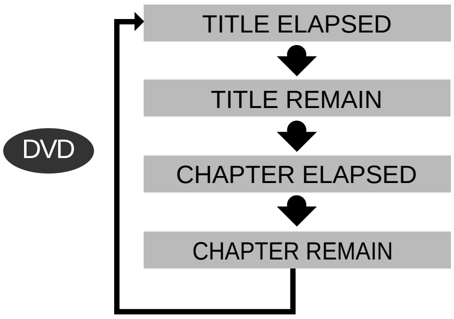
- By default, the video format is set to "PAL".
- Each time the button is pressed, the video format switches between "NTSC" and "PAL".
- Each country has a different video format standard.
- For normal playback, the video format of the disc must be the same as the video format of your TV.

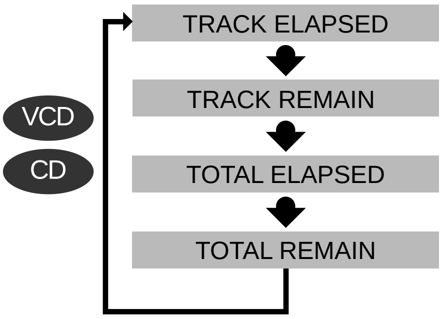
Checking the Remaining Time

Press the REMAIN button.

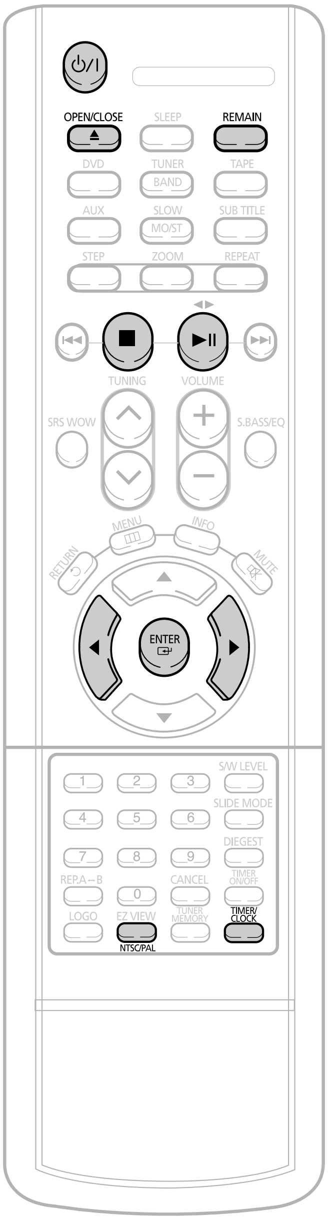
- For checking the total and remaining time of a title or chapter being played.

Each time the REMAIN button is pressed


DVD
TITLE ELAPSED
TITLE REMAIN
CHAPTER ELAPSED
CHAPTER REMAIN


VCD
CD
TRACK ELAPSED
TRACK REMAIN
TOTAL ELAPSED
TOTAL REMAIN

Disc Playback


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

1

Press **OPEN/CLOSE** button to open the disc tray.

2

Load a disc.

- Place a disc gently into the tray with the disc's label facing up.

3

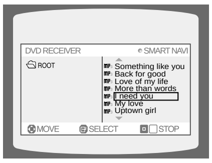
Press **OPEN/CLOSE** button to close the disc tray.

DVD VCD CD

- Playback starts automatically.

MP3 JPEG

- Playback starts automatically.
- If the TV is on, a list of MP3s on the CD will appear on the TV screen.


DVD RECEIVER
SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl
MOVE
SELECT
STOP

Note

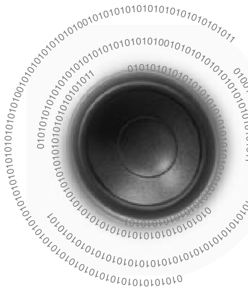
- Depending on the content of the disc, the initial screen may appear different.
- Depending on the recording mode, some MP3-CDs cannot be played.
- Table of contents of a MP3-CD varies depending on the MP3 track format recorded on the disc.

To stop playback, press **STOP** during playback.

- If pressed once, "**PRESS PLAY**" is displayed and the stop position will be stored in memory. If **PLAY/PAUSE** (▶II) button or **ENTER** button is pressed, playback resumes from the stop position. (This function works only with DVDs.)
- If pressed twice, "STOP" is displayed, and if **PLAY/PAUSE** (▶II) button is pressed, playback starts from the beginning.

To temporarily pause playback, press **PLAY/PAUSE** during playback.

- To resume playback, press **PLAY/PAUSE** button again.



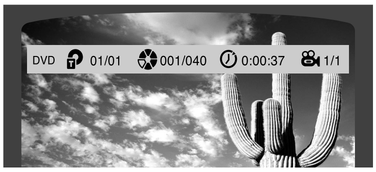
Displaying Disc Information

You can view playback information on the disc on the TV screen.

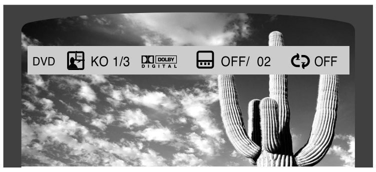
Press **INFO** button.

- Each time the button is pressed, the display changes as follows:

DVD


DVD
01/01
001/040
0:00:37
1/1

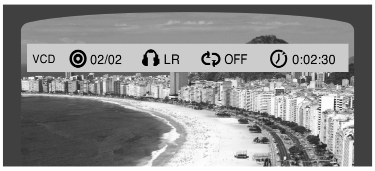
⬇


DVD
KO 1/3
DOLBY DIGITAL
OFF/ 02
OFF

⬇

Display disappears

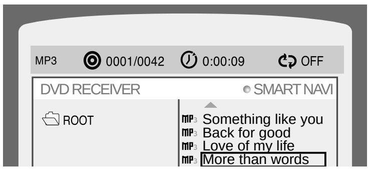
VCD **CD**


VCD
02/02
LR
OFF
0:02:30

⬇

Display disappears

MP3 **JPEG**


MP3
0001/0042
0:00:09
OFF
DVD RECEIVER
SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words

⬇

Display disappears

Note

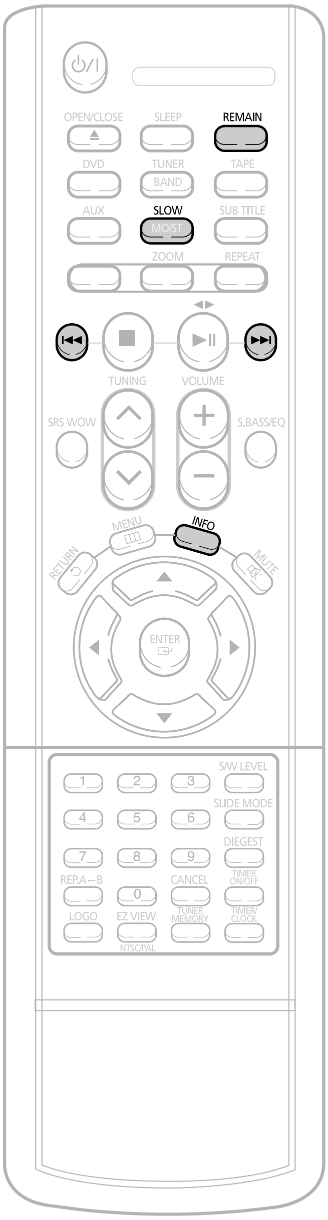
- Depending on the disc, the disc information display may appear different.
- Depending on the disc, you can also select DOLBY DIGITAL, or PRO LOGIC.

- **What is a Title?**
  A movie contained in a DVD disc.
- **What is a Chapter?**
  Each title on a DVD disc is divided into several smaller sections called "chapters".
- ✋ **appears on the TV screen!**
  If this symbol appears on the TV screen while buttons are being operated, that operation is not possible with the disc currently being played.
- **What is a Track (File)?**
  A section of video or a music file recorded on a VCD, CD, or MP3-CD.

Screen Display

DVD	DVD display	MP3	MP3 CD display	◎	TRACK (FILE) display	▣	AUDIO LANGUAGE display	DOLBY DIGITAL	DOLBY DIGITAL display
VCD	VCD display	T	TITLE display	◷	ELAPSED TIME display	▤	SUBTITLE display	🎥	ANGLE display
CD	CD display	✲	CHAPTER display	⟲	REPEAT PLAYBACK display	🎧 LR	STEREO (L/R) display		

Fast/Slow Playback

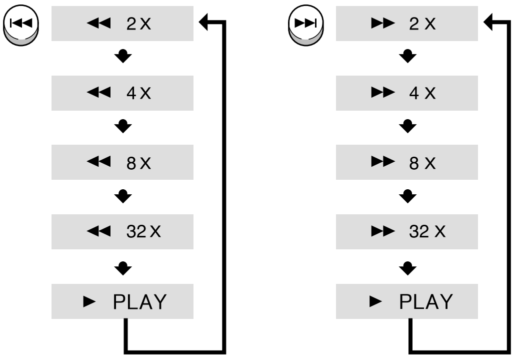


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
REP.A-B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

Fast Playback DVD VCD CD MP3

Press and hold ⏮, ⏭.

- Each time the button is held down during playback, the playback speed changes as follows:



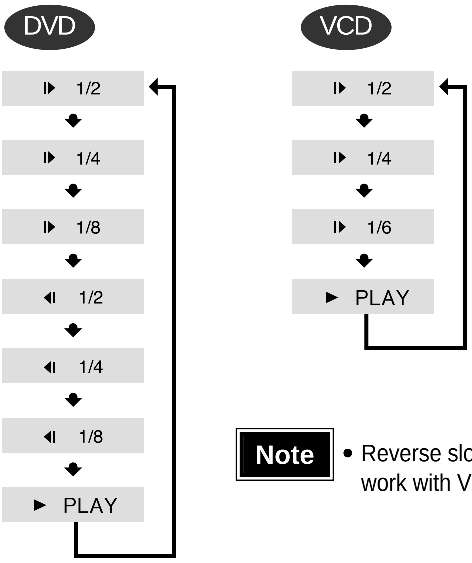
⏮
◄◄ 2X
◄◄ 4X
◄◄ 8X
◄◄ 32X
► PLAY

⏭
►► 2X
►► 4X
►► 8X
►► 32X
► PLAY

Slow Playback

Press SLOW button.

- Each time the button is pressed during playback, the playback speed changes as follows:



DVD
I► 1/2
I► 1/4
I► 1/8
◄I 1/2
◄I 1/4
◄I 1/8
► PLAY

VCD
I► 1/2
I► 1/4
I► 1/6
► PLAY

Note

- Reverse slow playback does not work with VCDs.

Skipping Scenes/Songs

DVD VCD MP3

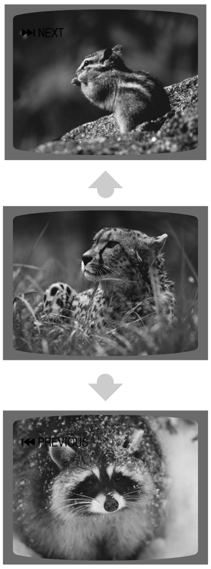
Briefly press ⏮, ⏭.

- Each time the button is pressed briefly during playback, the previous or next chapter, track, or directory (file) will be played.
- But, you cannot skip chapters consecutively.

DVD

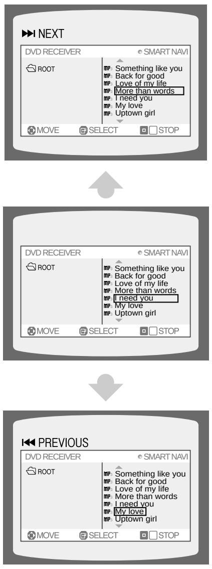
TITLE 01/05 CHAPTER 002/040
TITLE 01/05 CHAPTER 004/040

VCD


⏭ NEXT
⏮ PREVIOUS

- When watching a VCD with a track longer than 15 minutes, each time ⏮, ⏭ is pressed, playback will skip back or forward 5 minutes.

MP3


⏭ NEXT
DVD RECEIVER
SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl
MOVE
SELECT
STOP
⏮ PREVIOUS

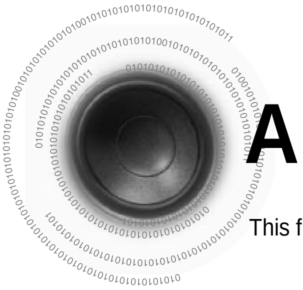
Playing Frame by Frame DVD

Press **STEP** button.

- The picture moves forward one frame each time the button is pressed during playback.

Note

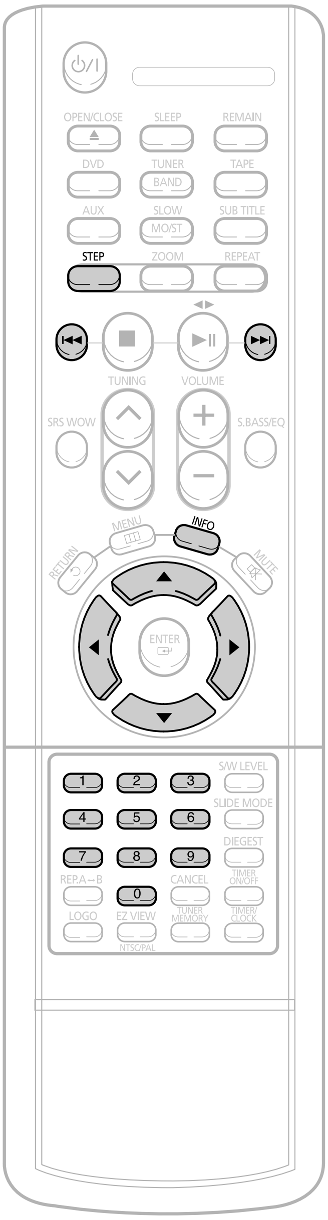
- During fast playback of a CD or MP3-CD, sound is heard only at 2x speed, and not at 4x, 8x, and 32x speeds.
- No sound is heard during slow playback and step motion playback.



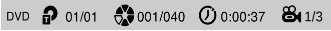
Angle Function

This function allows you to view the same scene in different angles.

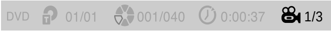
DVD


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
1
2
3
S/W LEVEL
4
5
6
SLIDE MODE
7
8
9
DIGEST
REP.A↔B
0
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

1 Press **INFO** button.

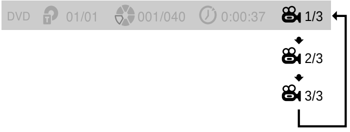

DVD
01/01
001/040
0:00:37
1/3

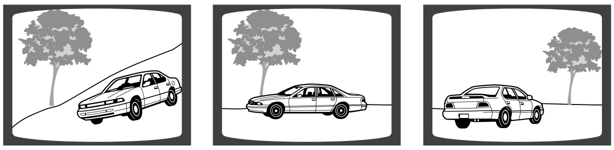
2 Press Cursor ▶ button to move to ANGLE display.


DVD
01/01
001/040
0:00:37
1/3

3 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired angle.

- Each time the button is pressed, the angle changes as follows:


DVD
01/01
001/040
0:00:37
1/3
2/3
3/3



Note

- The Angle function works only with discs on which multiple angles have been recorded.

Repeat Playback

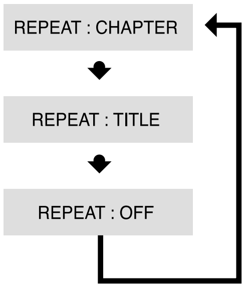
Repeat playback allows you to repeatedly play a chapter, title, track (song), or directory (MP3 file).

DVD VCD CD MP3 JPEG

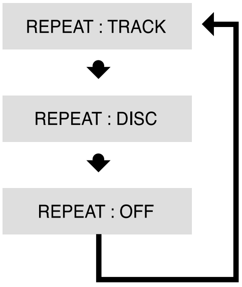
Press **REPEAT** button.

- Each time the button is pressed during playback, the repeat playback mode changes as follows:

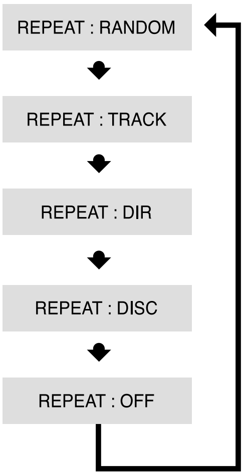
DVD


REPEAT : CHAPTER
REPEAT : TITLE
REPEAT : OFF

VCD CD


REPEAT : TRACK
REPEAT : DISC
REPEAT : OFF

MP3 JPEG


REPEAT : RANDOM
REPEAT : TRACK
REPEAT : DIR
REPEAT : DISC
REPEAT : OFF

Repeat Playback Options

CHAPTER
Repeatedly plays the selected chapter.

TITLE
Repeatedly plays the selected title.

RANDOM
Plays tracks in random order.
(A track that has already been played may be played again.)

TRACK
Repeatedly plays the selected track.

FOLDER
Repeatedly plays all tracks in the selected folder.

DISC
Repeatedly plays the entire disc.

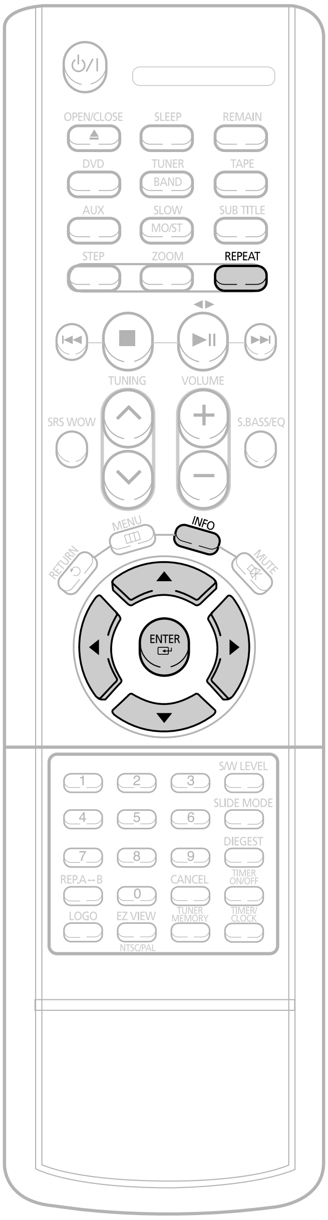
OFF
Cancels Repeat Playback.

Note

- Repeat playback operation is not possible with version 2.0 VCD discs if PBC is turned on.
  To use Repeat Playback on a VCD with PBC, you should set the PBC to OFF in the disc menu. (See page 27.)

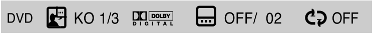
DVD VCD CD

To Select a Repeat Playback Mode in the Disc Information Screen



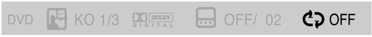
OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

1 Press **INFO** button twice.



DVD
KO 1/3
OFF/ 02
OFF

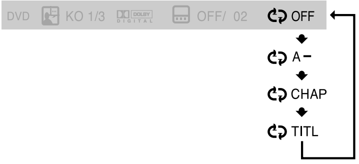
2 Press Cursor ▶ button to move to REPEAT PLAYBACK display.



DVD
KO 1/3
OFF/ 02
OFF

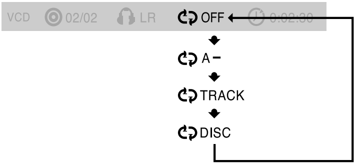
3 Press Cursor ▼ button to select the desired Repeat Playback mode.

DVD



DVD
KO 1/3
OFF/ 02
OFF
A−
CHAP
TITL

VCD CD

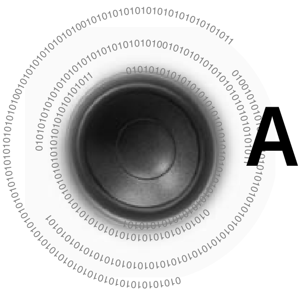


VCD
02/02
LR
OFF
0:02:30
A−
TRACK
DISC

4 Press **ENTER** button.

Note

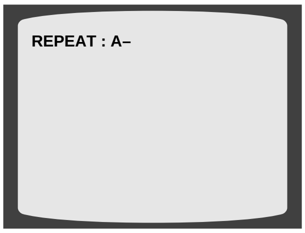
- For MP3 and JPEG discs, you cannot select Repeat Play from the information display screen.



A-B Repeat Playback

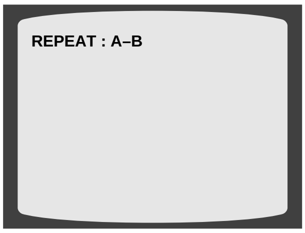
DVD VCD CD

1 Press **REP. A↔B** at the beginning of the section you want to repeat.



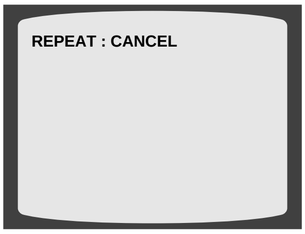
REPEAT : A–

2 Press **REP. A↔B** at the end of the section.

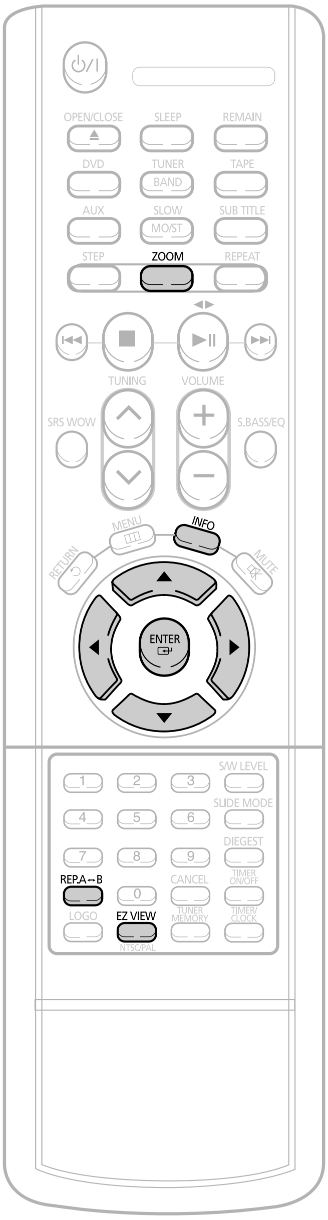


REPEAT : A–B

To cancel AB Repeat Playback, press **REP. A↔B** to select "**REPEAT PLAYBACK: CANCEL**".



REPEAT : CANCEL


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER CLOCK
NTSC/PAL

Note

- A–B Repeat Playback does not work on MP3 and JPEG discs.
- To select AB Repeat Playback from the information display screen, press **REP. A↔B**.

Zoom Function

This function allows you to enlarge a particular area of the displayed image.

Zoom (Screen Enlarge) Function DVD VCD

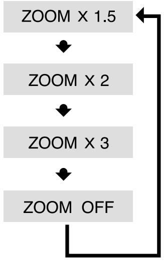
1 Press **ZOOM** button.

ENTER SELECT
+

2 Press Cursor ▲, ▼, ◀, ▶ buttons to move to the area you want to enlarge.

3 Press **ENTER** button.

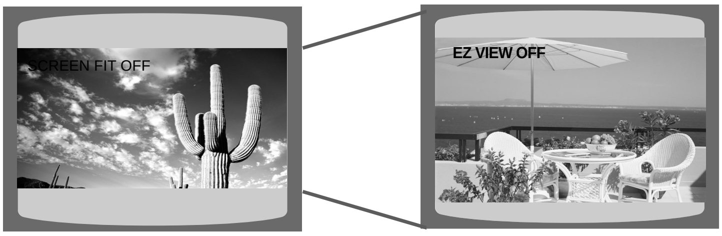
- Each time the button is pressed, the zoom level changes as follows:



Aspect Ratio DVD

Press **EZ VIEW** button.

- Each time the button is pressed, the zoom function will switch between On and Off.
- When a movie is played in Widescreen format, black bars at the top and bottom of the TV screen can be removed by pressing the **EZ VIEW** button.



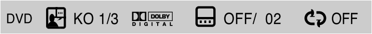
Note

- This function will not work if the DVD is recorded with multi-camera angle format.
- Black bars may not disappear because some DVD discs have a built-in horizontal to vertical ratio.

Selecting Audio/Subtitle Language

Audio Language Selection Function DVD

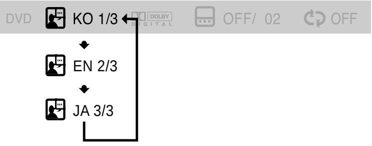
1 Press **INFO** button twice.



DVD KO 1/3 OFF/ 02 OFF

2 Press Cursor ▲ , ▼ buttons or numeric buttons to select the desired audio language.

- Depending on the number of languages on a DVD disc, a different audio language (KOREAN, ENGLISH, JAPANESE, etc.) is selected each time the button is pressed.



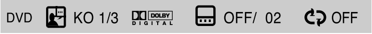
DVD KO 1/3 OFF/ 02 OFF

EN 2/3

JA 3/3

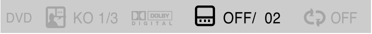
Subtitle Language Selection Function DVD

1 Press **INFO** button twice.



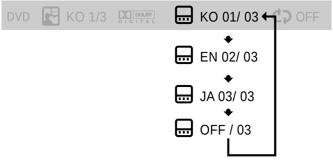
DVD KO 1/3 OFF/ 02 OFF

2 Press Cursor ▶ button to move to SUBTITLE display.



DVD KO 1/3 OFF/ 02 OFF

3 Press Cursor ▼ button or numeric buttons to select the desired subtitle.



DVD KO 1/3 KO 01/ 03 OFF

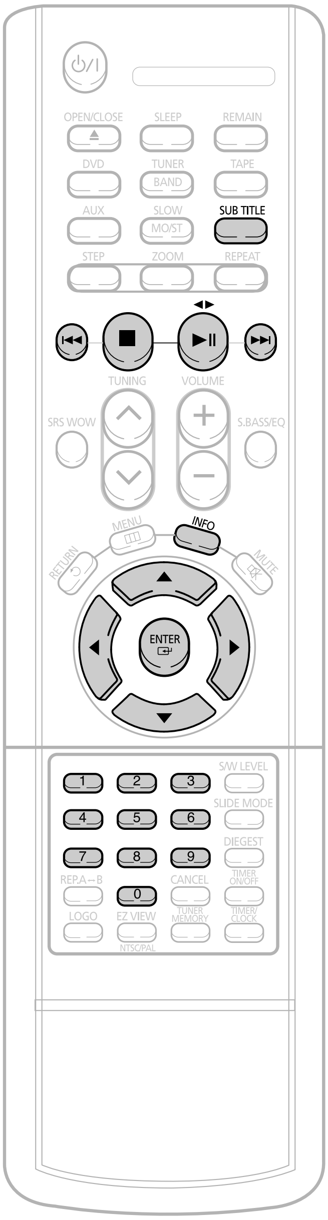
EN 02/ 03

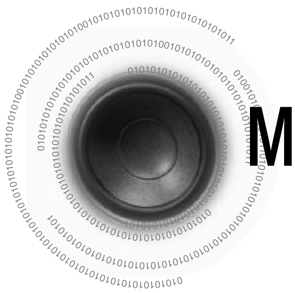
JA 03/ 03

OFF / 03

Note

- You can use the SUBTITLE button on the remote control to select a subtitle language.
- Depending on the disc, the Subtitle and Audio Language functions may not work.

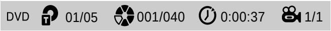

OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL



Moving Directly to a Scene/Song

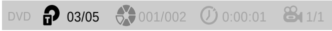
DVD VCD CD

1 Press **INFO** button.


DVD 01/05 001/040 0:00:37 1/1

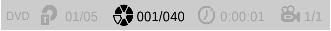
Moving to a Title/Track

2 Press Cursor ▲, ▼ buttons or numeric buttons to select the desired title/track and then press **ENTER** button.


DVD 03/05 001/002 0:00:01 1/1

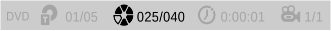
Moving to a Chapter

3 Press Cursor ◀, ▶ buttons to move to Chapter display.


DVD 01/05 001/040 0:00:01 1/1

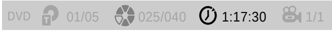
Moving to a Chapter

4 Press Cursor ▲, ▼ buttons or numeric buttons to select the desired chapter and then press **ENTER** button.


DVD 01/05 025/040 0:00:01 1/1

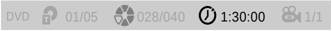
Moving to a Specific Time

5 Press Cursor ◀, ▶ buttons to move to time display.


DVD 01/05 025/040 1:17:30 1/1

Moving to a Specific Time

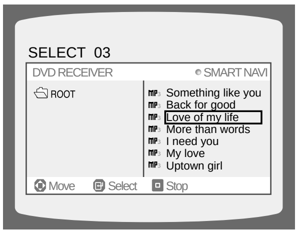
6 Press the numeric buttons to select the desired time and then press **ENTER** button.


DVD 01/05 028/040 1:30:00 1/1

MP3 JPEG

Press the **numeric** buttons.

- The selected file will be played.
- An MP3 or JPEG disc cannot be moved from the disc information screen.
- When playing an MP3 or JPG disc, you cannot use ▲ ,▼ to move a folder. To move a folder, press ■ (Stop) and then press ▲ ,▼ .


SELECT 03
DVD RECEIVER
SMART NAVI
ROOT
Something like you
Back for good
Love of my life
More than words
I need you
My love
Uptown girl

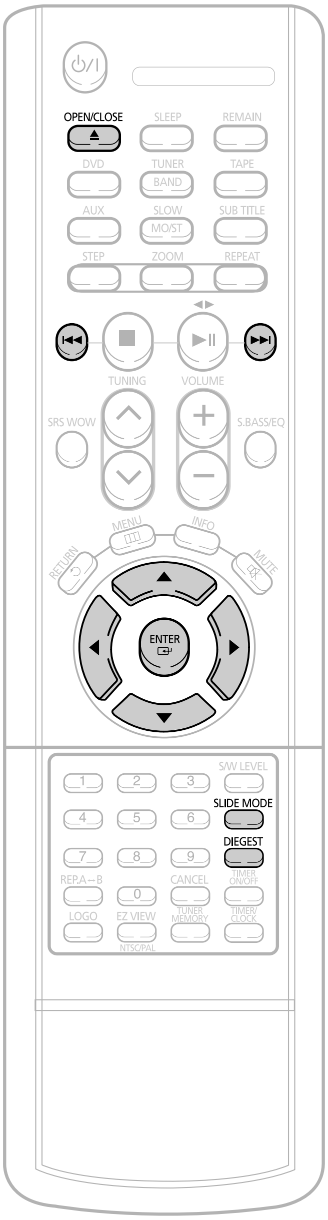
Note

- You can press ⏮ ⏭ on the remote control to move directly to the desired title, chapter, or track.
- Depending on the disc, you may not be able to move to the selected title or time.

JPEG File Playback JPEG

Images captured with a digital camera or camcorder, or JPEG files on a PC can be stored on a CD and then played back with this DVD player.

Slide Mode



OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

1

Place the JPEG disc on the disc tray.

2

Press the **OPEN/CLOSE** button.

3

Press **SLIDE MODE** button.

- Playback starts automatically.
- Each time the button is pressed, the image makes the transition as follows:

SLIDE SHOW MODE : 1	From top to bottom
SLIDE SHOW MODE : 2	From bottom to top
⋮	
SLIDE SHOW MODE : 10	Rectangular shape in the center
SLIDE SHOW MODE : 11	Vertical curtain shape
SLIDE SHOW MODE : RAND	Each time a new image is displayed, slide modes (1~11) will be randomly and automatically be applied.
SLIDE SHOW MODE : NONE	Cancels the slide mode.

Press ⏮, ⏭ to skip to the next slide.

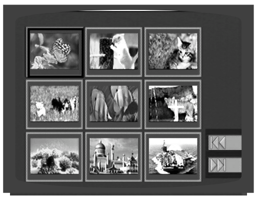
- Each time the button is pressed, the slide moves backward or forward.

Digest Function

You can view 9 JPEG images on the TV screen.

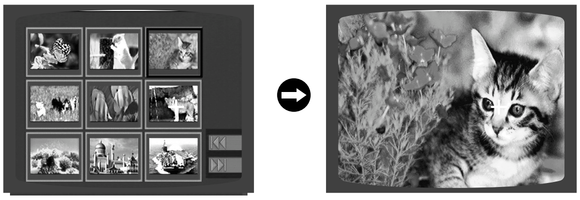
1 Press **DIGEST** button during playback.

- JPEG files will be shown in 9 windows.



2 Press Cursor ▲, ▼, ◀, ▶ buttons to select the desired image and then press **ENTER** button.

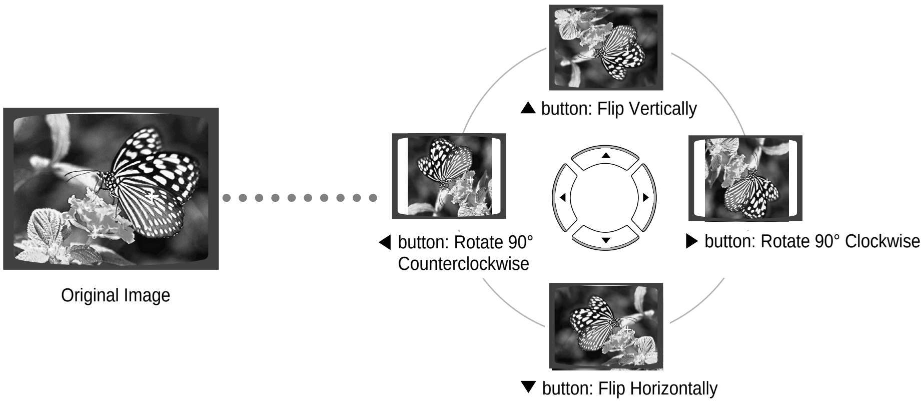
- The selected image is played for 5 seconds before moving to the next image.



To view the previous or next image with 9 windows, press ⏮, ⏭ .

Rotate/Flip Function

Press Cursor ▲, ▼, ◀, ▶ buttons during playback.


▲ button: Flip Vertically
◀ button: Rotate 90° Counterclockwise
▶ button: Rotate 90° Clockwise
▼ button: Flip Horizontally
Original Image

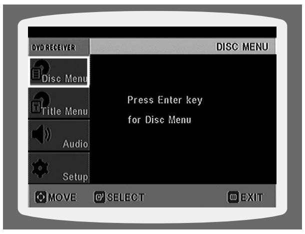
Using Disc Menu

You can use the menus for the audio language, subtitle language, profile, etc.
DVD menu contents differ from disc to disc.

DVD

1 Press **MENU** button.

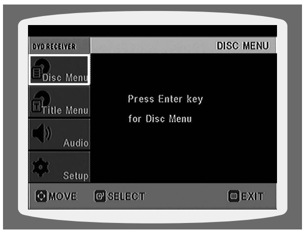
- When playing a VCD (version 2.), this toggles between PBC ON and OFF.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

Press Enter key for Disc Menu

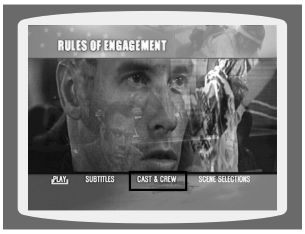
2 Press Cursor ▲,▼ buttons to move to 'DISC MENU' and then press **ENTER** button.

- When you select the disc menu that is not supported by the disc, the "**This menu is not supported**" message appears on the screen.

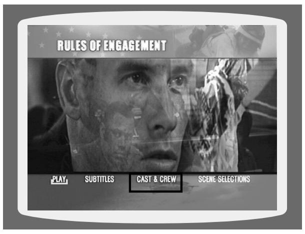

DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

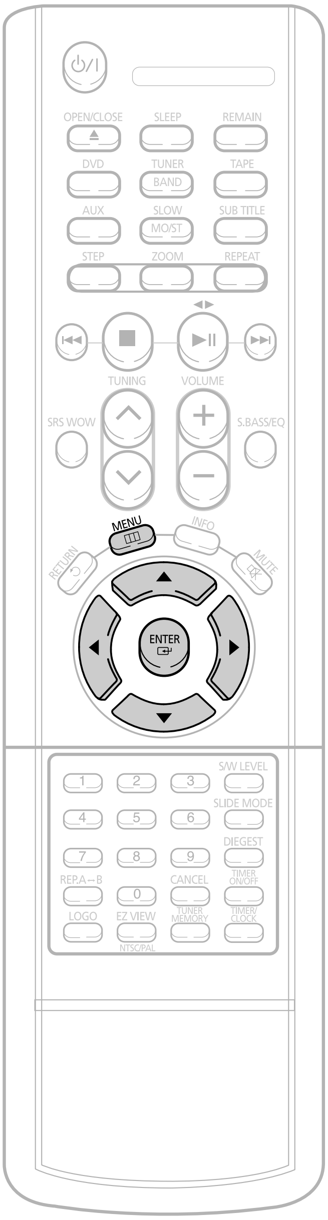
Press Enter key for Disc Menu

3 Press Cursor ▲,▼, ◀, ▶ buttons to select the desired item.


RULES OF ENGAGEMENT
PLAY
SUBTITLES
CAST & CREW
SCENE SELECTIONS

4 Press **ENTER** button.


RULES OF ENGAGEMENT
PLAY
SUBTITLES
CAST & CREW
SCENE SELECTIONS


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

Note

PBC (Playback Control) Function

When playing a VCD (version 2.0), you can select and view various scenes according to the menu screen.

PBC ON: This VCD disc is version 2.0. The disc is played back according to the menu screen. Some functions may be disabled. When some functions are disabled, select "PBC OFF" to enable them.

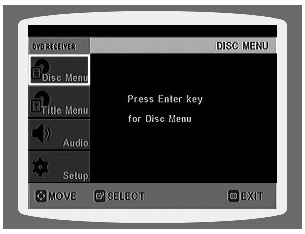
PBC OFF: This VCD disc is version 1.1. The disc is played back in the same way as with a music CD.

Using the Title Menu

For DVDs containing multiple titles, you can view the title of each movie.
Depending on the disc, this function may either not work at all or may work differently.

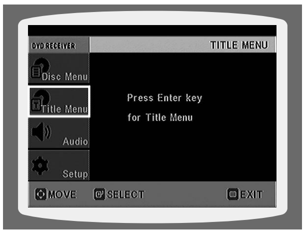
DVD

1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

Press Enter key
for Disc Menu

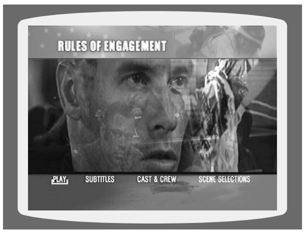
2 Press Cursor ▲,▼ button to move to ‘Title Menu’.


DVD RECEIVER
TITLE MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

Press Enter key
for Title Menu

3 Press **ENTER** button.

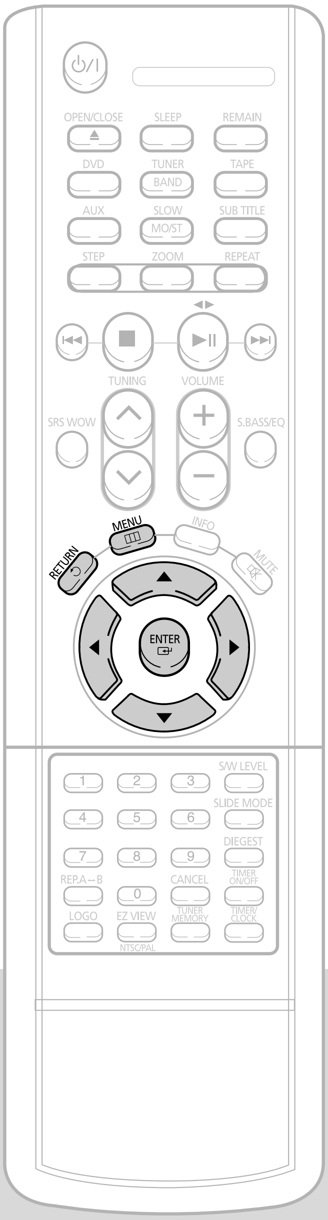
- The title menu appears.


RULES OF ENGAGEMENT
PLAY
SUBTITLES
CAST & CREW
SCENE SELECTIONS

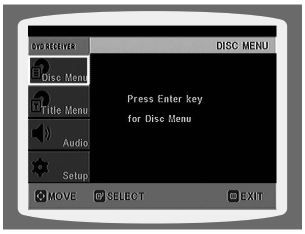
Press **MENU** button to exit the setup screen.

Setting the Language

OSD language is set to English by default.

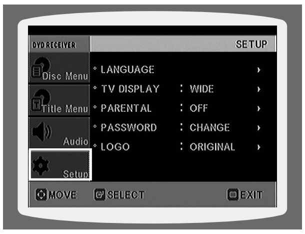

OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
1
2
3
S/W LEVEL
4
5
6
SLIDE MODE
7
8
9
DIGEST
REP.A↔B
0
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
NTSC/PAL
TUNER MEMORY
TIMER/CLOCK

1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

Press Enter key
for Disc Menu

2 Press Cursor ▼ button to move to ‘Setup’ and then press **ENTER** button.

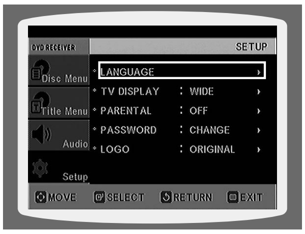

DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

- LANGUAGE ›
- TV DISPLAY : WIDE ›
- PARENTAL : OFF ›
- PASSWORD : CHANGE ›
- LOGO : ORIGINAL ›

Press **RETURN** button to return to the previous level.

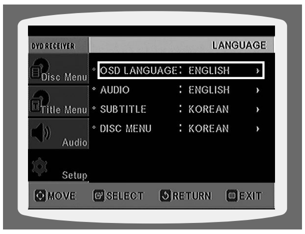
Press **MENU** button to exit the setup screen.

3 Press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

LANGUAGE
TV DISPLAY : WIDE
PARENTAL : OFF
PASSWORD : CHANGE
LOGO : ORIGINAL

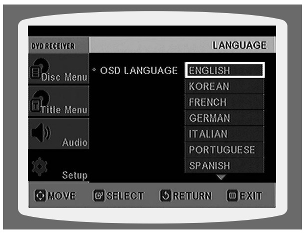
4 Press Cursor ▲,▼ button to select the desired item and then press **ENTER** button.


DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

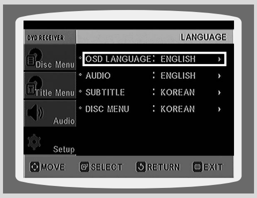
OSD LANGUAGE : ENGLISH
AUDIO : ENGLISH
SUBTITLE : KOREAN
DISC MENU : KOREAN

5 Press Cursor ▲,▼ button to select the desired language and then press **ENTER** button.

- Once the setup is complete, if the language was set to English, OSD will be displayed in English.

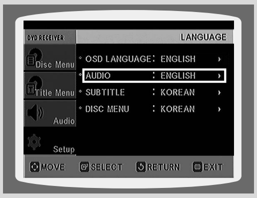

DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

OSD LANGUAGE
ENGLISH
KOREAN
FRENCH
GERMAN
ITALIAN
PORTUGUESE
SPANISH


DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

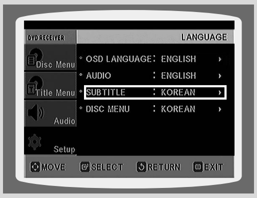
OSD LANGUAGE : ENGLISH
AUDIO : ENGLISH
SUBTITLE : KOREAN
DISC MENU : KOREAN

Selecting the
OSD Language


DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

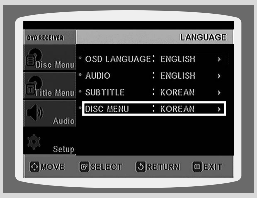
OSD LANGUAGE : ENGLISH
AUDIO : ENGLISH
SUBTITLE : KOREAN
DISC MENU : KOREAN

Selecting the
Audio Language
(recorded on the disc)


DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

OSD LANGUAGE : ENGLISH
AUDIO : ENGLISH
SUBTITLE : KOREAN
DISC MENU : KOREAN

Selecting the
Subtitle Language
(recorded on the disc)

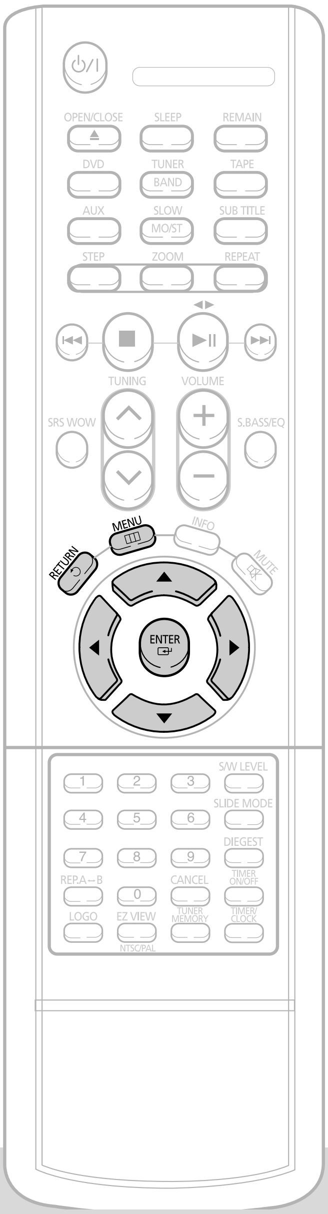

DVD RECEIVER
LANGUAGE
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

OSD LANGUAGE : ENGLISH
AUDIO : ENGLISH
SUBTITLE : KOREAN
DISC MENU : KOREAN

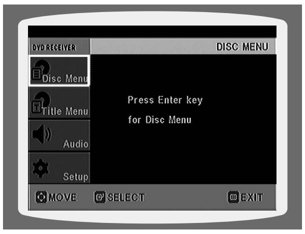
Selecting the Disc Menu
Language (recorded on the disc)

* If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.

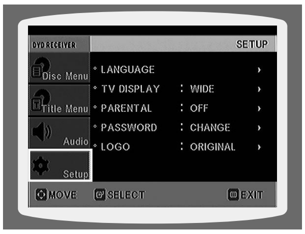
Setting TV Screen type


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

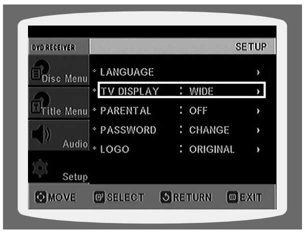
1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
Press Enter key
for Disc Menu
MOVE
SELECT
EXIT

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.

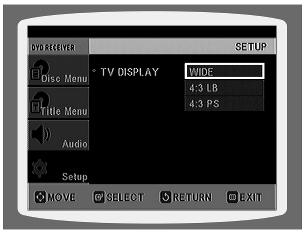

DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
LANGUAGE
TV DISPLAY : WIDE
PARENTAL : OFF
PASSWORD : CHANGE
LOGO : ORIGINAL
MOVE
SELECT
EXIT

3 Press Cursor ▼ button to move to 'TV DISPLAY' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
LANGUAGE
TV DISPLAY : WIDE
PARENTAL : OFF
PASSWORD : CHANGE
LOGO : ORIGINAL
MOVE
SELECT
RETURN
EXIT

4 Press Cursor ▲,▼ button to select the desired item and then press **ENTER** button.

- Once the setup is complete, you will be taken to the previous screen.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
TV DISPLAY
WIDE
4:3 LB
4:3 PS
MOVE
SELECT
RETURN
EXIT

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Adjusting the TV Aspect Ratio (Screen Size)

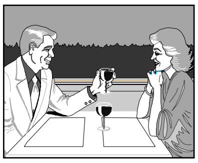
The horizontal to vertical screen size ratio of conventional TVs is 4:3, while that of wide screen and high definition TVs is 16:9. This ratio is called the aspect ratio. When playing DVDs recorded in different screen size, you should adjust the aspect ratio to fit your TV or monitor.

✶ For a standard TV, select either "4:3LB" or "4:3PS" option according to personal preference. Select "16:9" if you have a wide screen TV.

WIDE

: Select this to view a 16:9 picture in the full-screen mode on your wide screen TV.

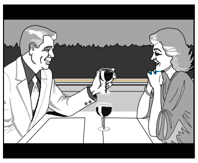
- You can enjoy the wide screen aspect.



4:3LB
(4:3 Letterbox)

: Select this to play a 16:9 picture in the letter box mode on a conventional TV.

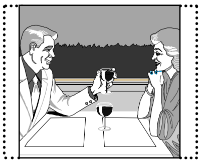
- Black bars will appear at the top and bottom of the screen.



4:3PS
(4:3 Pan&Scan)

: Select this to play a 16:9 picture in the pan & scan mode on a conventional TV.

- You can see the central portion of the screen only (with the sides of the 16:9 picture cut off).



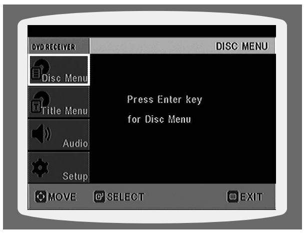
Note

- If a DVD is in the 4:3 ratio, you cannot view it in wide screen.
- Since DVD discs are recorded in various image formats, they will look different depending on the software, the type of TV, and the TV aspect ratio setting.

Setting Parental Controls (Rating Level)

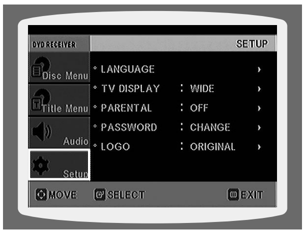
Use this to restrict playback of adult or violent DVDs you do not want children to view.

1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

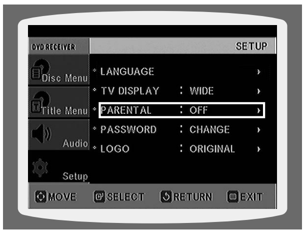
Press Enter key
for Disc Menu

2 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

- LANGUAGE ›
- TV DISPLAY : WIDE ›
- PARENTAL : OFF ›
- PASSWORD : CHANGE ›
- LOGO : ORIGINAL ›

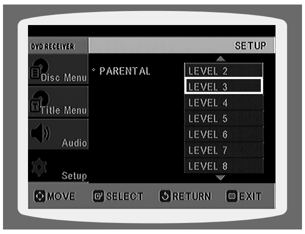
3 Press Cursor ▼ button to move to 'PARENTAL' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

- LANGUAGE ›
- TV DISPLAY : WIDE ›
- PARENTAL : OFF ›
- PASSWORD : CHANGE ›
- LOGO : ORIGINAL ›

4 Press Cursor ▲,▼ button to select the desired rating level and then press **ENTER** button.

- If you have selected Level 6, you cannot view DVDs with Level 7 or higher.
- The higher the level, the closer the content is to violent or adult material.

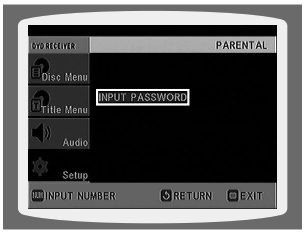

DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

PARENTAL

LEVEL 2
LEVEL 3
LEVEL 4
LEVEL 5
LEVEL 6
LEVEL 7
LEVEL 8

5 Enter the password and then press **ENTER** button.

- The password is set to "7890" by default.
- Once the setup is complete, you will be taken to the previous screen.


DVD RECEIVER
PARENTAL
Disc Menu
Title Menu
Audio
Setup
INPUT NUMBER
RETURN
EXIT

INPUT PASSWORD

Note

- This function works only if a DVD disc contains the rating level information.

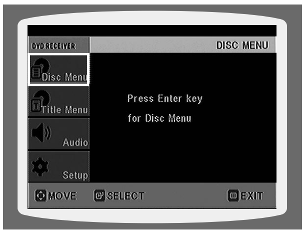
Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

Setting the Password

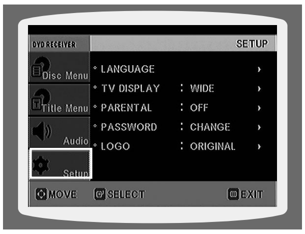
You can set the password for the Parental (rating level) setting.

1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

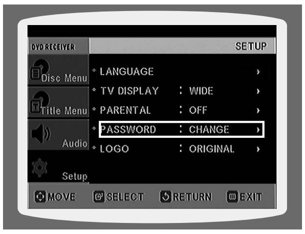
Press Enter key
for Disc Menu

2 Press Cursor ▼ button to move to ‘Setup’ and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

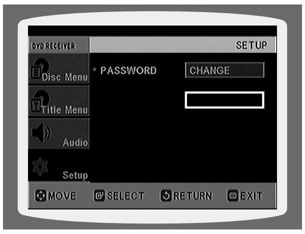
LANGUAGE ›
TV DISPLAY : WIDE ›
PARENTAL : OFF ›
PASSWORD : CHANGE ›
LOGO : ORIGINAL ›

3 Press Cursor ▼ button to move to ‘PASSWORD’ and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

LANGUAGE ›
TV DISPLAY : WIDE ›
PARENTAL : OFF ›
PASSWORD : CHANGE ›
LOGO : ORIGINAL ›

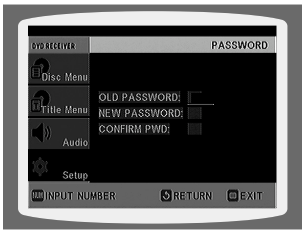
4 Press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

PASSWORD CHANGE

5 Enter the password and then press **ENTER** button.

- Enter the old password, a new password, and confirm new password.
- The setting is complete.


DVD RECEIVER
PASSWORD
Disc Menu
Title Menu
Audio
Setup
INPUT NUMBER
RETURN
EXIT

OLD PASSWORD:
NEW PASSWORD:
CONFIRM PWD:

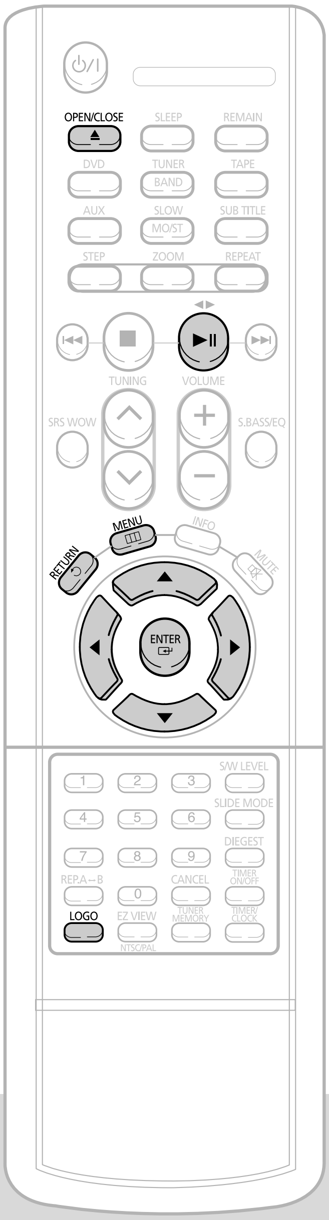
Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

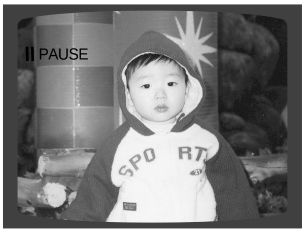
Setting the Wallpaper

JPEG DVD VCD

While watching a DVD, VCD, or JPEG CD, you can set the image you like as a wallpaper.

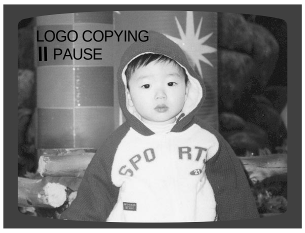

OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL
1
2
3
4
5
6
7
8
9
0

1 During playback, press **PLAY/PAUSE** button when the image you like comes up.

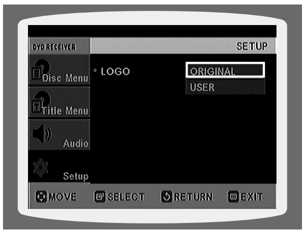


2 Press **LOGO** button.

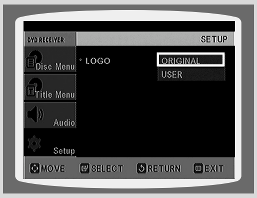
- "LOGO COPYING" will be displayed on the TV screen followed by "LOGO COPIED".


LOGO COPYING
II PAUSE

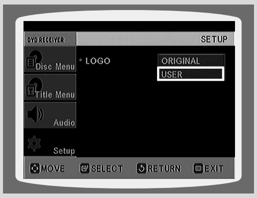
6 Press Cursor ▼ button to move to 'USER' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
LOGO
ORIGINAL
USER
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

7 Press **MENU** button to exit the setup screen.

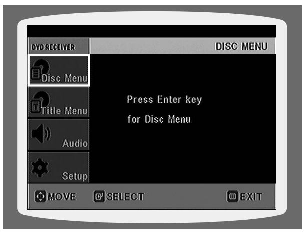

DVD RECEIVER
SETUP
Disc Menu
LOGO
ORIGINAL
USER
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

Select this to set the Samsung Logo image as your wallpaper.


DVD RECEIVER
SETUP
Disc Menu
LOGO
ORIGINAL
USER
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

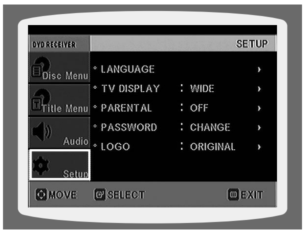
Select this to set the desired image as your wallpaper.

3 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

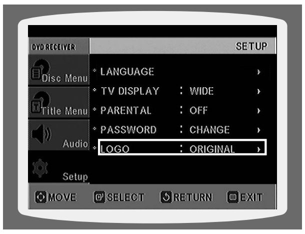
Press Enter key
for Disc Menu

4 Press Cursor ▼ button to move to 'Setup' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

- LANGUAGE
- TV DISPLAY : WIDE
- PARENTAL : OFF
- PASSWORD : CHANGE
- LOGO : ORIGINAL

5 Press Cursor ▼ button to move to 'LOGO' and then press **ENTER** button.


DVD RECEIVER
SETUP
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

- LANGUAGE
- TV DISPLAY : WIDE
- PARENTAL : OFF
- PASSWORD : CHANGE
- LOGO : ORIGINAL

8 Press **OPEN/CLOSE** button to open and then close the disc tray.

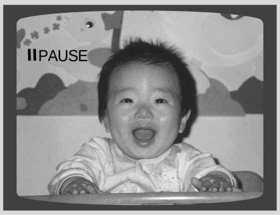
Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.

To Change the Wallpaper

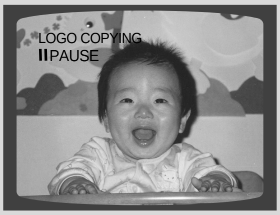
JPEG DVD VCD

1 During playback, press **PLAY/PAUSE** button when you see an image you like.



2 Press **LOGO** button.

- "LOGO COPYING" will be displayed on the TV screen followed by "LOGO COPIED".



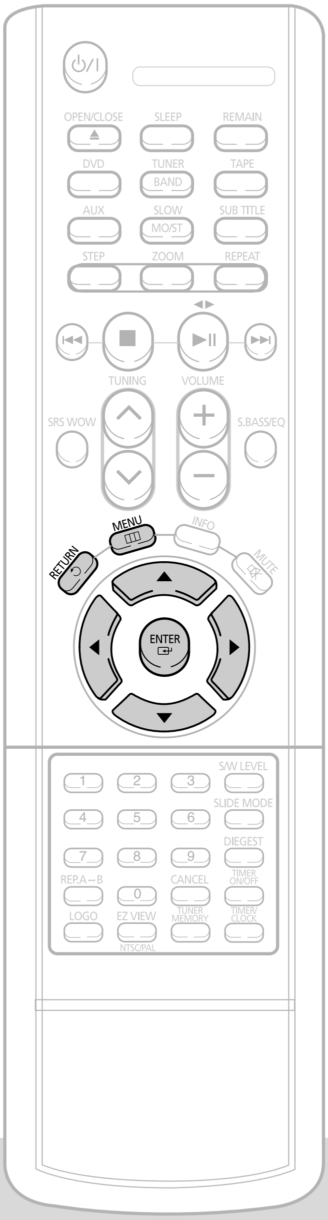
LOGO COPYING

3 Press **OPEN/CLOSE** button to open and then close the disc tray.

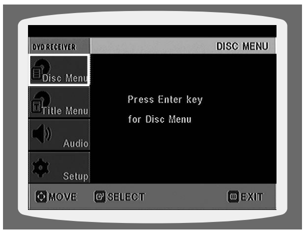
- The wallpaper is changed.

Setting the DRC (Dynamic Range Compression)

You can use this function to enjoy Dolby Digital sound when watching movies at low volume at night.

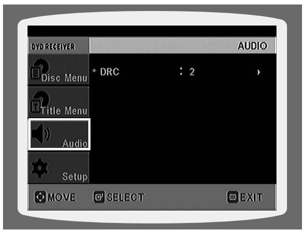

OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/ CLOCK
NTSC/PAL

1 Press **MENU** button.


DVD RECEIVER
DISC MENU
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

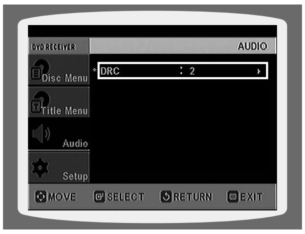
Press Enter key
for Disc Menu

2 Press Cursor ▼ button to move to 'Audio' and then press **ENTER** button.


DVD RECEIVER
AUDIO
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
EXIT

* DRC : 2 ›

3 If “**DRC**” is selected, press **ENTER**.

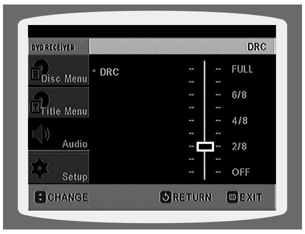


DRC : 2

DVD RECEIVER
AUDIO
Disc Menu
Title Menu
Audio
Setup
MOVE
SELECT
RETURN
EXIT

4 Press Cursor ▲,▼ to adjust the ‘DRC’.

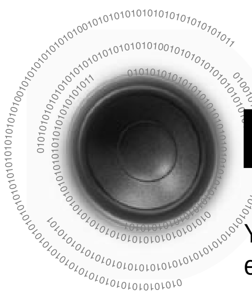
- The Cursor ▲ button is pressed, the greater the effect, and the Cursor ▼ button is pressed, the smaller the effect.



DVD RECEIVER
DRC
Disc Menu
Title Menu
Audio
Setup
DRC
FULL
6/8
4/8
2/8
OFF
CHANGE
RETURN
EXIT

Press **RETURN** button to return to the previous level.

Press **MENU** button to exit the setup screen.



Listening to Radio

You can listen to the chosen band (FM, MW, LW broadcast stations) by using either the automatic or manual tuning operation.

Remote Control Unit

1 Press **TUNER/ BAND** button.

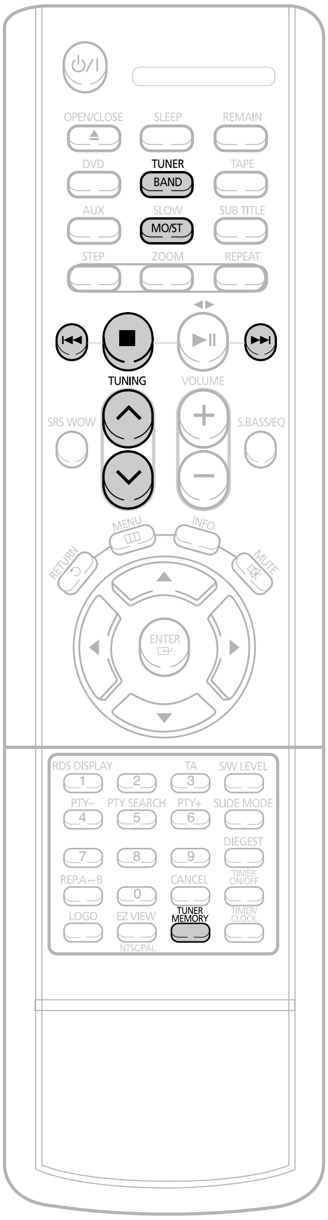
- The selection toggles back and forth between "FM → MW → LW→(SW1,2)" each time the **TUNER(BAND)** button is pressed.

2 Tune in to the desired station.

Automatic Tuning 1 Press the **STOP** (■) button to select PRESET and then press TUNING ⌃⌄ button to select the preset station.

Automatic Tuning 2 Press the **STOP** (■) button to select "MANUAL" and then press and hold TUNING ⌃⌄ button to automatically search the band.

Manual Tuning Briefly press TUNING ⌃⌄ to increase or decrease the frequency incrementally.


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
RDS DISPLAY
TA
S/W LEVEL
PTY-
PTY SEARCH
PTY+
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/ CLOCK
NTSC/PAL

Main Unit

1 Press the **Function** button to select the desired band (FM, MW, LW,SW1,2).

2 Select a broadcast station.

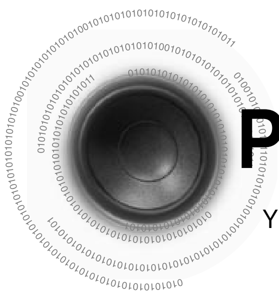
Automatic Tuning 1 Press the **STOP** (■) button to select PRESET and then press ⏮, ⏭ button to select the preset station.

Automatic Tuning 2 Press the **STOP** (■) button to select "**AUTO**" and then press and hold ⏮, ⏭ button to automatically search the band.

Manual Tuning Press **STOP** (■) to select MANUAL and then briefly press ⏮, ⏭ to tune in to a lower or higher frequency.

Press **MO/ST** button to listen in Mono/Stereo.
(This applies only when listening to an FM station.)

- Each time the button is pressed, the sound switches between "STEREO" and "MONO".
- In a poor reception area, select MONO for a clear, interference-free broadcast.



Presetting Stations

You can store up to:

- ♦ 15 FM stations
- ♦ 15 AM stations

OPTION

- ♦ 15 FM stations
- ♦ 8 AM(MW) stations
- ♦ 7 LW stations

OPTION

- ♦ 15 FM stations
- ♦ 5 MW stations
- ♦ 5 SW1 stations
- ♦ 5 SW2 stations

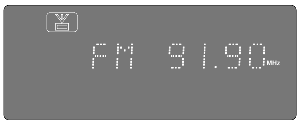
OPTION

• **FM**	Frequency Modulation
• **AM(MW)**	Medium Wave
• **LW**	Long Wave

Example: Presetting FM 89.1 in the memory

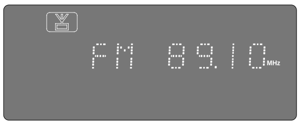
1 Press the **TUNER(BAND)** button and select the FM band.

- Each time the button is pressed, the band switches between "FM ➝ MW ➝ LW ➝SW1,2".



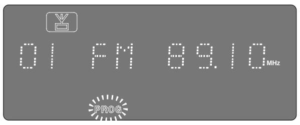
2 Press TUNING ∧∨ to select "89.10".

- Refer to Step 2 on page 39 to automatically or manually tune in to a station.



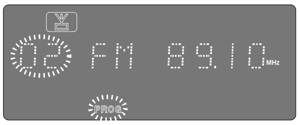
3 Press the **TUNER MEMORY** button.

- "**PROG**" flashes in the display.



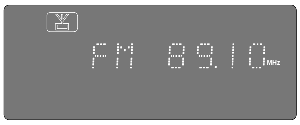
4 Press TUNING ∧∨ to select preset number.

- You can select between 1 and 15.



5 Press the **TUNER MEMORY** button.

- Press the **TUNER MEMORY** button before '**PROG**' disappears from the display.
- '**PROG**' disappears from the display and the station is stored in memory.

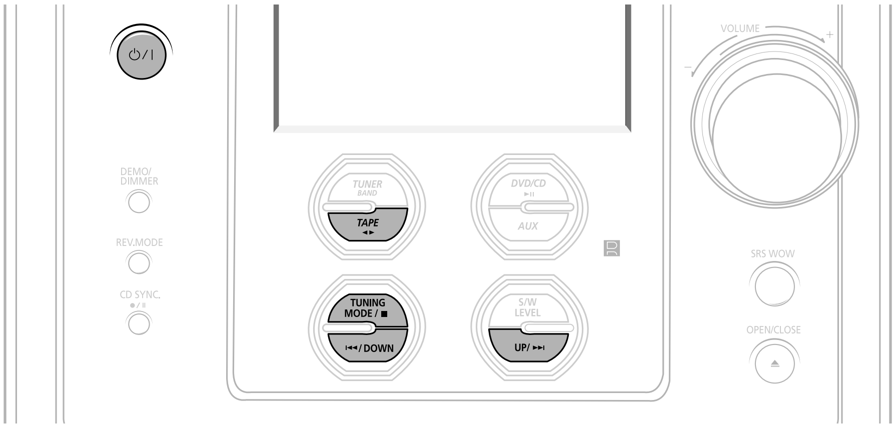


6 To preset another station, repeat steps 2 to 5.

To tune in to a preset station, press TUNING ∧∨ on the remote control to select a channel.

Listening to a Cassette

Always treat your cassettes with care; refer, if necessary, to the section entitled "Precautions When Using Audio Cassettes" on page 54.


VOLUME
DEMO/ DIMMER
REV.MODE
CD SYNC.
TUNER BAND
TAPE ◄►
DVD/CD ►II
AUX
TUNING MODE / ■
|◄◄/ DOWN
S/W LEVEL
UP/ ►►|
SRS WOW
OPEN/CLOSE

1 Switch the system on by pressing **POWER**.

2 Press **TAPE** on the player to select the Tape function.

3 Press the **PUSH EJECT** (⏏) of the cassette deck to open the cassette door and insert a cassette.

- Insert a cassette with the recording/playback side facing the cassette holder, and then push the cassette door shut.

4 Press the ◄► button. The cassette starts playing.

- Side A : Tape (◄►) button once.
- Side B : Tape (◄►) button twice.

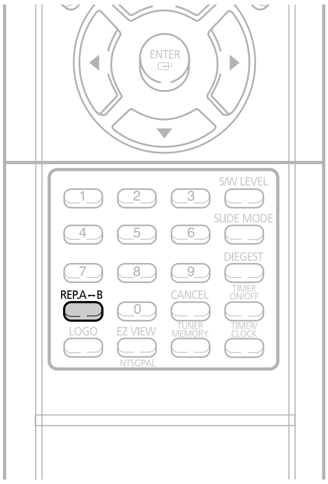
5 Press the |◄◄ ,►►| button if necessary.

- Rewind the cassette |◄◄ / DOWN button.
- Fast-forward the cassette UP / ►►| button.

6 When you have finished playback, press **STOP** button.

REPEAT A↔B Function

Press **REP. A↔B** button.


ENTER
1
2
3
S/W LEVEL
4
5
6
SLIDE MODE
7
8
9
DIEGEST
REP.A↔B
0
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/ CLOCK
NTSC/PAL

- Use this to listen to a specific section again during playback.
- Set the start and end points of the section you want to repeat 3 times.
- This is a useful when learning a foreign language.
- The TAPE REPEAT function can be used only on sections that are longer than 7 seconds.

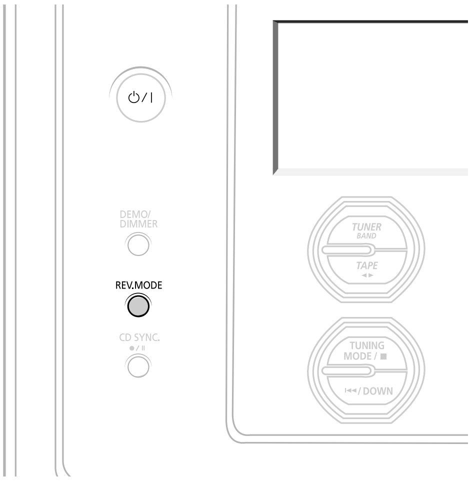
Note

- You cannot set the end point (B) within 7 seconds after setting the start point (A).

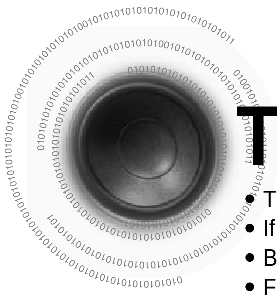
Selecting the Cassette Playback Mode

Your micro component system has three cassette playback modes which enable you to listen to both sides of a cassette automatically.

Press **REV.MODE** until the appropriate symbol is displayed.


⏻/I
DEMO/ DIMMER
REV.MODE
CD SYNC. ●/II
TUNER BAND
TAPE ◄►
TUNING MODE / ■
⏮/DOWN

- ⇄ : One side of the selected cassette and then stops.
- ⇄) : One side of the cassette.
  The other side of the cassette and then stops.
- (⇄) : Both sides of the cassette indefinitely until you press stop.



Timer Function

- The timer enables you to switch the system on or off at specific times.
- If you no longer want the system to be switched on or off automatically, you must cancel the timer.
- Before setting the timer, check that the current time is correct.
- For each step, you have a few seconds to set the required options.
  If you exceed this time, you must start again.

Example: You wish to wake up to music every morning.

1 Switch the system on by pressing **POWER**.

2 Press **TIMER/CLOCK** until **TIMER** is displayed.

3 Press the **ENTER** button.

- **ON TIME** is displayed (instead of the equalizer symbols) for a few seconds, followed by any switch-on time already set; you can set the timer switch-on time.

4 Set the timer switch-on time.

a. Set the hour by pressing ◀ or ▶ button.

b. Press **ENTER**.

- The minutes flash.

c. Set the minutes by pressing ◀ or ▶ button.

d. Press **ENTER**.

- **OFF TIME** is displayed (instead of the equalizer symbols) for a few seconds, followed by any switch-off time already set; you can now set the timer switch-off time.

5 Set the timer switch-off time.

a. Set the hour by pressing ◀ or ▶ button.

b. Press **ENTER**.

- The minutes flash.

c. Set the minutes by pressing ◀ or ▶ button.

d. Press **ENTER**.

- **VOL 10** is displayed, where 10 corresponds to the volume already set.

6 Press ◀ or ▶ button to adjust the volume level and press **ENTER**.

- The source to be selected is displayed.

7 Press ◀ or ▶ button to select the source to be played when the system switches on.

- TAPE (cassette) : Insert a cassette tape.
- TUNER (radio) : **a** Press **ENTER**.
  b Select a preset station by pressing Tuning ◀ or ▶ .
- CD (compact disc) : Load a compact disc.

8 Press **ENTER** to confirm the timer.

9 Press **POWER** to set the system to standby mode.

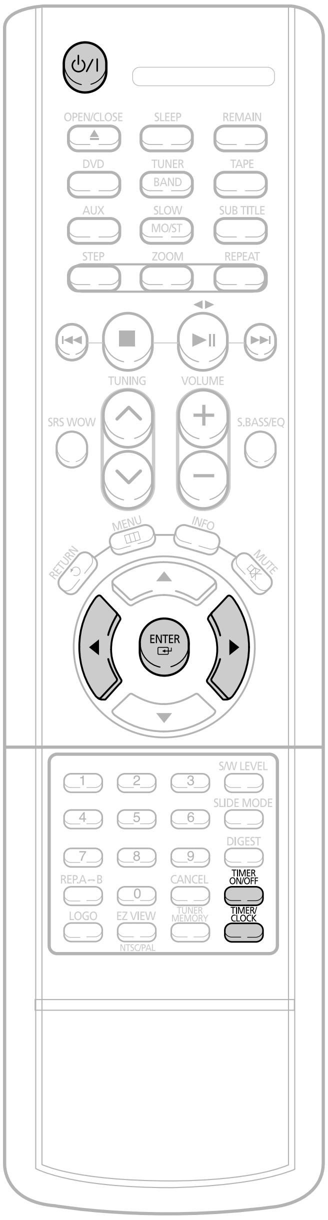
- ◷ is displayed to the bottom left of the time, indicating that the timer has been set.
- The system will switch on and off automatically at the required times.

Note

- If the timer switch on and off times are identical, the word **ERROR** is displayed.

Canceling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display.
If you no longer wish to use the timer, you must cancel it.


OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

To cancel the timer, press **TIMER ON/OFF** once.

- ◷ is no longer displayed.

To resume the timer, press **TIMER ON/OFF** again.

- ◷ is displayed again.

Note

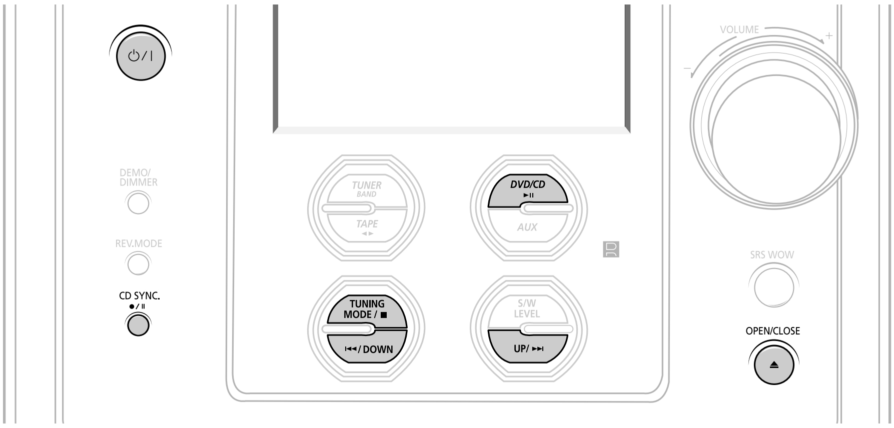
- You can cancel the timer while the power is on or while the player is in standby.

Recording a Compact Disc

You can record a compact disc on a cassette in two different ways:

Synchronised recording

This feature enables you to synchronize the start of the recording with the start of the disc or track of your choice.



VOLUME
DEMO/ DIMMER
REV.MODE
CD SYNC. ●/II
TUNER BAND
TAPE
DVD/CD ►II
AUX
TUNING MODE / ■
I◄◄/ DOWN
S/W LEVEL
UP/ ►►I
SRS WOW
OPEN/CLOSE

1 Switch the system on by pressing **POWER**.

2 Insert a blank cassette in Deck.

- Press the **PUSH/EJECT** button (⏏) to open the cassette door, insert a cassette, and then close the cassette door.
- Insert the cassette with the safety tabs.

3 Load a compact disc.

- Press the **OPEN/CLOSE** button (⏏) to open the CD door.
- Insert a CD and press the **OPEN/CLOSE** button (⏏) to close the CD door.

4 Press the **DVD/CD** (►II) button.

- Use the CD selection (I◄◄ , ►►I) buttons to select the desired song.

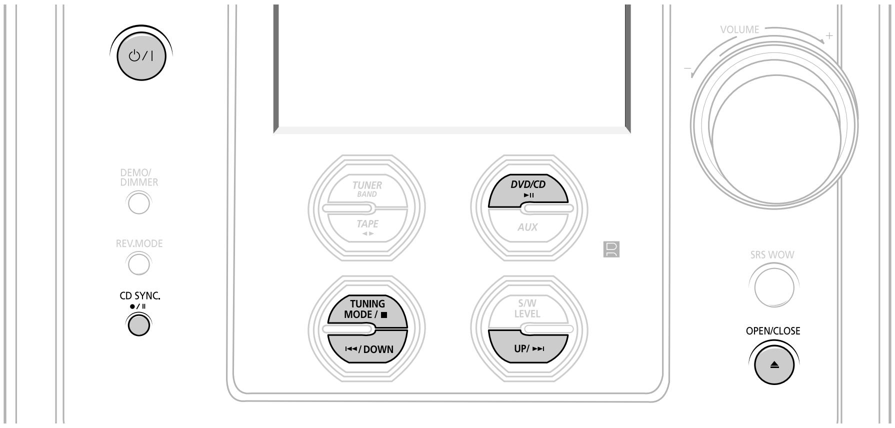
5 Press and hold ●/II (REC/PAUSE) button.

- When stopped, press the button to start the recording from the first piece of music.
- Press and hold ●/II **(REC/PAUSE)** button during the playback of CD to start the recording from the first part of the music being played.

6 To stop recording, press ■ button.

Direct recording

The direct recording mode enables you to start recording with any track on the compact disc.



⏻/I
DEMO/DIMMER
REV.MODE
CD SYNC.
●/II
TUNER
BAND
TAPE
DVD/CD
►II
AUX
TUNING MODE / ■
⏮/ DOWN
S/W LEVEL
UP/ ⏭
VOLUME
SRS WOW
OPEN/CLOSE

1 Switch the system on by pressing **POWER**.

2 Insert a blank cassette in Deck.

- Press the **PUSH/EJECT** button (⏏) to open the cassette door, insert a cassette, and then close the cassette door.
- Insert the cassette with the safety tabs.

3 Load a compact disc.

- Press the **OPEN/CLOSE** button (⏏) to open the CD door.
- Insert a CD and press the **OPEN/CLOSE** button (⏏) to close the CD door.

4 Press the **DVD/CD** (►II) button.

- Use the CD selection (I◀◀ , ▶▶I) buttons to select the desired song.

5 Press ●/II (REC/ PAUSE) button.

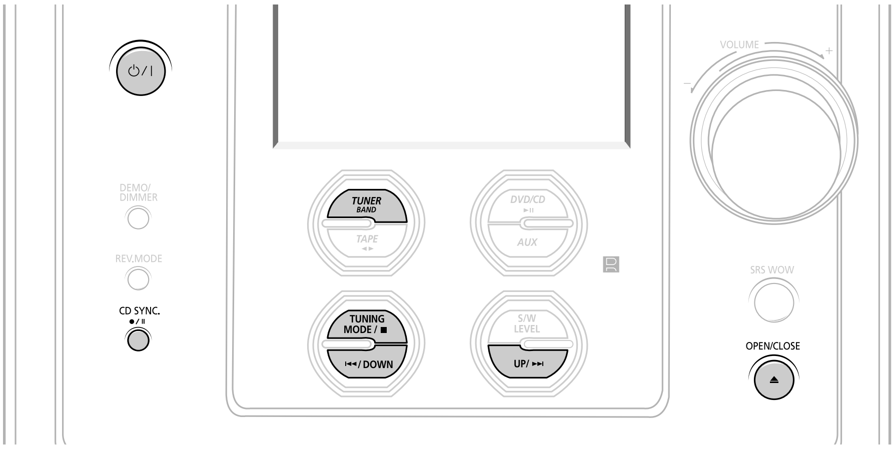
- Recording will begin.
- To stop recording, press ■ button.

Note

- The cassette tape you want to record on must have the safety tabs intact.

Recording a Radio Program

You can record a radio program of your choice.
You do not need to adjust the volume, as it has no effect on the recording.



DEMO/ DIMMER
REV.MODE
CD SYNC. ●/II
TUNER BAND
TAPE
DVD/CD ►II
AUX
TUNING MODE / ■
I◄◄/ DOWN
S/W LEVEL
UP/ ►►I
VOLUME
SRS WOW
OPEN/CLOSE

1 Switch the system on by pressing **POWER**.

2 Insert a blank cassette in Deck.

3 Select the TUNER function by pressing **TUNER/BAND**.

4 Select the radio station that you wish to record by pressing **I◄◄/DOWN** or **UP/►►I** button .

5 Press and hold **●/II** (REC/PAUSE) button.

- **REC** is displayed in red and recording starts.

6 To stop recording, press ■ button.

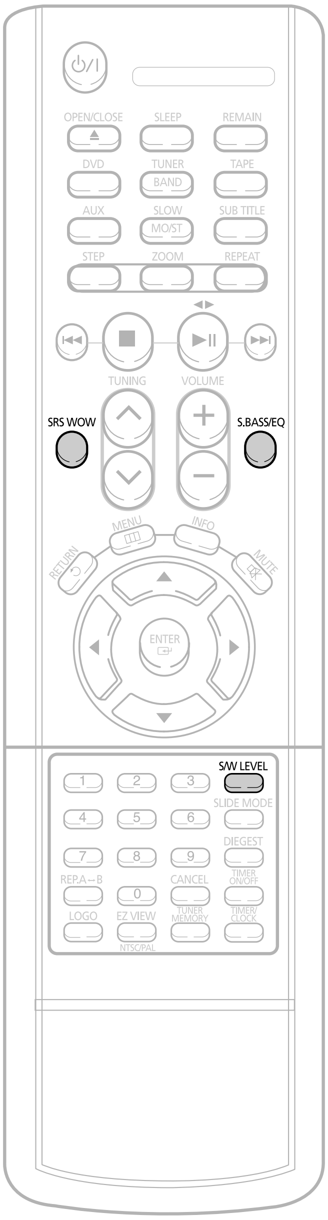
S.BASS/EQ, SRS WOW, S/W LEVEL Function

S.BASS/EQ Function

Your micro component system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to. The function of Power Sound amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.

Press **S.BASS/EQ** on the front panel until the required option is selected.

- Press the button repeatedly to select “**CLASSISC → ROCK → POP → S.BASS**”.
- **S.BASS Function** : S.Bass function emphasizes the bass sound to produce the effect of explosion or booms.



OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER
BAND
TAPE
AUX
SLOW
MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
S/W LEVEL
SLIDE MODE
DIEGEST
REP.A↔B
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

SRS WOW Function

You can enjoy realistic surround sound by using the SRS and TruBass sound field functions and the SRS WOW function that enhances sound clarity.

Press the **SRS WOW** button.

- Each time the button is pressed, the selection changes as follows: **TRU BASS → SRS → SRS WOW**.
- **TruBASS Function** : Enhances the bass and low frequencies to produce deep and rich bass sounds.
- **SRS Function** : Provides the surround sound that fills the room.
- **SRS WOW Function** : Provides the surround sound effects with enhanced sound field depth and bass, through speakers and headphones.

Note

- SRS(●) WOW is a trademark of SRS Labs, Inc.
- WOW technology is incorporated under license from SRS Labs, Inc.

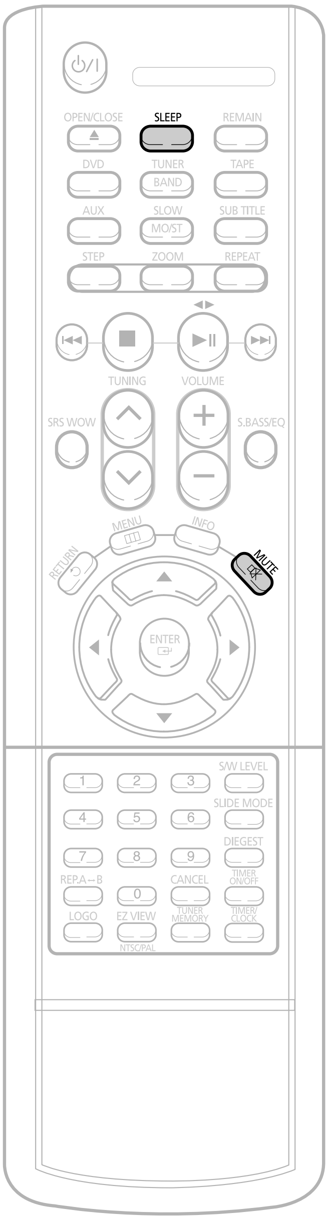
S/W LEVEL Function

You can adjust the subwoofer level to match your listening preference.

Press the **S/W LEVEL** button.

- Each time the button is pressed, the selection changes as follows: **SUBWOOFER 1 → SUBWOOFER 2 → SUBWOOFER 3 → SUBWOOFER OFF**.

Sleep Timer Function / Mute Function



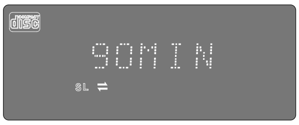
OPEN/CLOSE
SLEEP
REMAIN
DVD
TUNER BAND
TAPE
AUX
SLOW MO/ST
SUB TITLE
STEP
ZOOM
REPEAT
TUNING
VOLUME
SRS WOW
S.BASS/EQ
MENU
INFO
RETURN
MUTE
ENTER
1
2
3
S/W LEVEL
4
5
6
SLIDE MODE
7
8
9
DIEGEST
REP.A↔B
0
CANCEL
TIMER ON/OFF
LOGO
EZ VIEW
TUNER MEMORY
TIMER/CLOCK
NTSC/PAL

Sleep Timer Function

You can set the time that the DVD player will shut itself off.

Press **SLEEP** button.

- Each time the button is pressed, the selection changes as follows: **90 MIN → 60 MIN → 45 MIN → 30 MIN → 15 MIN → OFF**.



disc
90MIN
SL

To confirm the sleep timer setting, press **SLEEP** button.

•The remaining time before the DVD player will shut itself off is displayed.
•Pressing the button again changes the sleep time from what you have set

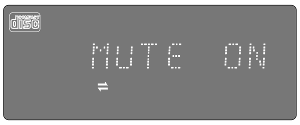
To cancel the sleep timer, press **SLEEP** button until OFF appears on the display.

Mute Function

This is useful when answering a doorbell or telephone call.

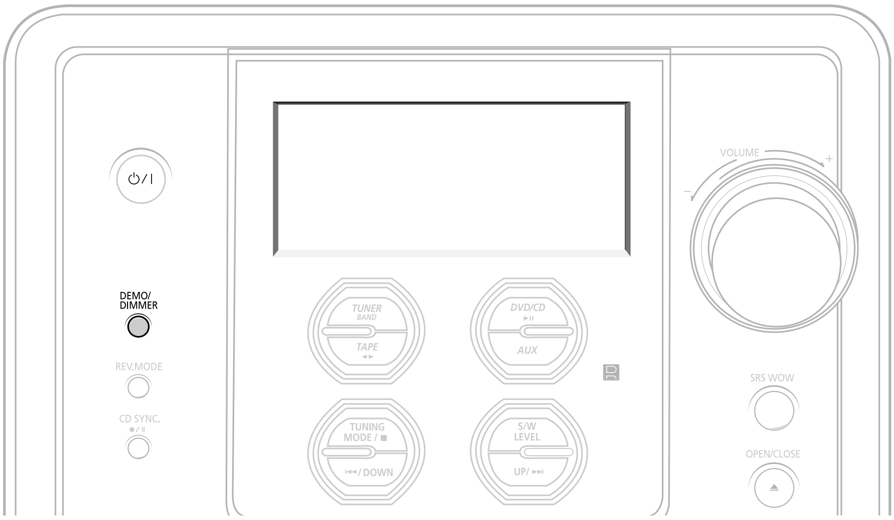
Press **MUTE** button.

- ‘**MUTE ON**’ appears in the display.
- To turn off mute, press the button again.



disc
MUTE ON

DEMO Function / DIMMER Function


⏻/I
DEMO/ DIMMER
REV.MODE
CD SYNC.
TUNER BAND
TAPE
DVD/CD
AUX
TUNING MODE/■
⏮/DOWN
S/W LEVEL
UP/⏭
VOLUME
SRS WOW
OPEN/CLOSE

DEMO Function

You can view the various functions available on your system.

Press and hold **DEMO/DIMMER** button.

- The various functions available are listed in turn on the display.
- All these functions are described in detail in this booklet. For instructions on how to use them, refer to the appropriate sections.

DIMMER Function

You can adjust the brightness of the display on the main unit so it won't interfere with your movie viewing.

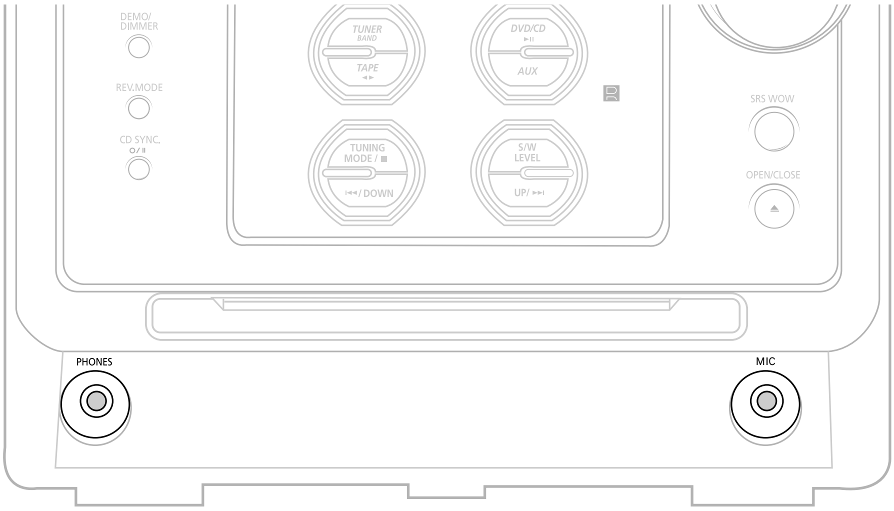
Press **DEMO/DIMMER** button.

- Each time the button is press, the brightness changes as follows: **DIMMER ON(Dim) → DIMMER OFF(Bright)**.

To cancel this function, press **DEMO/DIMMER** again.

Connecting Headphones/Microphone(option)

You can connect a set of headphones to your micro component system so that you can listen to music or radio programmers without disturbing other people in the room. The earphones must have a 3.5ø jack or an appropriate adapter.


DEMO/
DIMMER
REV.MODE
CD SYNC.
TUNER
BAND
TAPE
DVD/CD
AUX
TUNING
MODE / ■
/ DOWN
S/W
LEVEL
UP/
SRS WOW
OPEN/CLOSE
PHONES
MIC

Connect the headphones to the **PHONES** jack on the front panel.

- The loudspeakers are no longer used to output the sound.

Note

- Prolonged use of headphones at a high volume may damage your hearing.

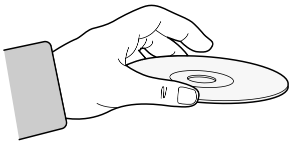
Plug the microphone with a 3.5ø MIC jack into microphone terminal.

- Connect the Microphone.

Cautions on Handling and Storing Discs

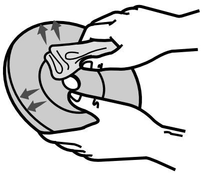
Small scratches on the disc may reduce sound and picture quality or cause breaks in playback. Be especially careful not to scratch discs when handling them.

Handling discs



Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints will not get on the surface.
Do not stick paper or tape on the disc.

Handling and Storing Discs



When you get fingerprints or dirt on the disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

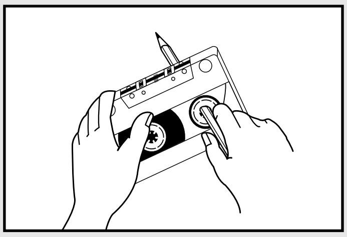
- When cleaning, wipe gently from the inside to the outside of the disc.

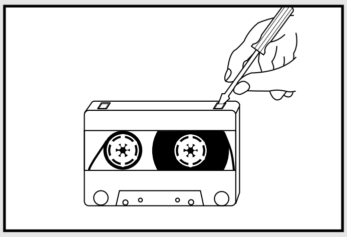
Note

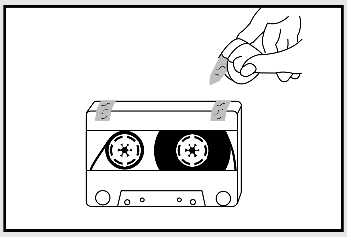
- Condensation may form if warm air comes into contact with cold parts inside the player. When condensation forms inside the player, the player may not operate correctly. If this occurs, remove the disc and let the player stand for 1 or 2 hours with the power on.

Precautions When Using Audio Cassettes

- Check that the tape in the cassette is sufficiently taut.
- To prevent erasing a cassette that you wish to keep, remove the safety tab on the upper edge of the cassette. To record a cassette, where the tab has been broken, simply cover the opening with adhesive tape.
- When you have finished playing a cassette, always put it back in its case.
- Store your cassettes in a clean place, out of direct sunlight, where they will not be exposed to high temperatures.
- Avoid using 120-minute cassettes as they place unnecessary strain on the tape mechanism.





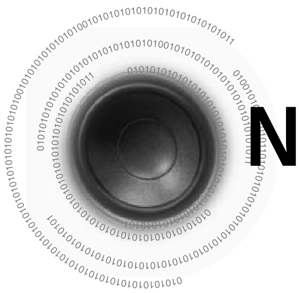


Before Calling for Service

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

Symptom	Check/Remedy
Disc tray does not open.	• Is the power cord plugged securely into the outlet? • Turn off the power and then turn it back on.
Playback does not start.	• Is the region code of the disc "5" or "ALL"? DVD discs purchased from abroad may not be playable. • CD-ROMs and DVD-ROMs cannot be played on this DVD player. • Make sure that the rating level is correct.
The remote control does not work.	• Is the remote control being operated within its operation range of angle and distance? • Are the batteries exhausted?
Playback does not start immediately when the Play/Pause button is	• Are you using a deformed disc or a disc with scratches on the surface? • Wipe the disc clean.
Sound is not produced.	• No sound is heard during fast playback, slow playback, and step motion playback. • Are the speakers connected properly? Is the speaker setup correctly customized? • Is the disc severely damaged?
Picture does not appear, sound is not produced, or the disc tray opens 2 to 5 seconds later.	• Was the DVD player suddenly moved from a cold place to a warm one? When condensation forms inside the player, remove the disc and let the player stand for 1 or 2 hours with the power on. (You can use the player again after condensation disappears.)
• Disc is rotating but no picture is produced. **• Picture quality is poor and picture is shaking.**	• Is the TV power on? • Are the video cables connected properly? • Is the disc dirty or damaged? • A poorly manufactured disc may not be playable.

Symptom	Check/Remedy
Audio language and subtitles do not work.	• Audio language and subtitles will not work for DVDs not containing them. And depending on the disc, they may work differently.
Menu screen does not appear even when the menu function is selected.	• Are you using a disc that does not contain menus?
Aspect ratio cannot be changed.	• You can play 16:9 DVDs in 16:9 WIDE mode, 4:3 LETTER BOX mode, or 4:3 PAN SCAN mode, but 4:3 DVDs can be seen in 4:3 ratio only. Refer to the DVD disc jacket and then select the appropriate function.
The tape does not start playing	• The TAPE function has not been selected. • The cassette has not been inserted correctly. • The cassette player has not been closed. • The tape is either slack or broken.
The volume falls off **The cassette is not erased correctly** **There is excessive wow and flutter**	• The audio heads are dirty. • The rollers or drive capstans are dirty. • The tape is worn.
Can't receive radio broadcast.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.
• The main unit is not working. **(Example: The power goes out or strange noise is heard.)** **• The DVD player is not working normally.**	• Turn off the power and hold the **SRS WOW** button on the main unit for longer than 5 seconds. Using the RESET function will erase all stored settings. Do not use this unless necessary.
The password for rating level has been forgotten.	• While the player is in the stop mode, hold the main unit's **TUNING MODE/ ■** button for longer than 5 seconds. “INITIAL” appears on the display and all settings will return to the default values. • Press the POWER button. **Using the RESET function will erase all stored settings.** **Do not use this unless necessary.**



Notes on Discs

Disc Recording Format

CD-R Discs

- Depending on the disc recording device (CD-Recorder or PC) and the condition of the disc, some CD-R discs may not be playable.
- Use a 650MB/74 minute CD-R. Avoid CD-R media, as they may not be playable.
- If possible, do not use CD-RW (Rewritable) media, as they may not be playable.
- Only the CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

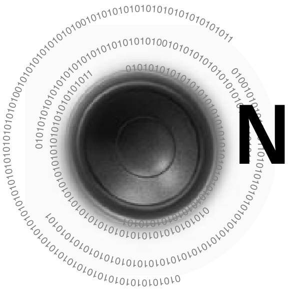
CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- If the name of a file is in Korean, the name will be displayed on the TV screen in Korean and * will be shown in the display of the main unit.
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the ".mp3" and ".MP3" extensions can be played.
- Only a consecutively written Multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- If more than 500 tracks are recorded on a single CD, a maximum of 500 tracks can be played.
- If more than 300 folders are recorded on a single CD, a maximum of 300 folders can be played.

What is MP3?
MP3 is short for MPEG-1 Audio Layer 3 and MPEG is an acronym for Moving Pictures Experts Group. MP3 is a file format with compression ratio of 1:12 (128 Kbps*) That is, you can use MP3 format to record about 12 times the usual amount of data on a regular CD.

CD-R JPEG Discs

- Only files with the ".jpeg" and ".JPEG" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (. / = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.

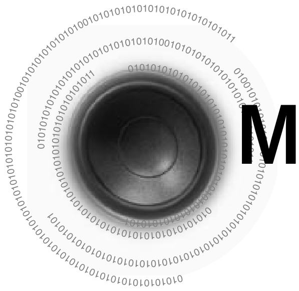


Notes on Terminology

ANGLE	Recorded onto some DVD discs are scenes which have been simultaneously shot from a number of different angles (the same scene is shot from the front, from the left , from the right , etc.). With such discs, the Angle button can be used to change the angle of view for specific scenes.
CHAPTER NUMBER	These numbers are recorded on DVD discs. A Title is subdivided into many sections, each of which is numbered, and specific parts of the video can be searched quickly using these numbers.
DVD	A high-density optical disc on which high-quality pictures and sound have been recorded by means of digital signals. Incorporating a new video compression technology (MPEG-2) and high-density recording technology, a DVD disc comprises two 0.6 mm thick discs bonded together.
PCM	An acronym for Pulse Code Modulation - another name for digital audio.
PBC (PLAYBACK CONTROL)	This is recorded on a video CD (version 2.0). Selected scenes or information can be chosen from the menu displayed on the TV monitor.
REGION NUMBER	Both the DVD player and DVD discs are encoded with a region number. If the region number on the DVD disc does not correspond to the region number of the DVD player, the player cannot play the disc.
SUBTITLES	Translated appearing at the bottom of the screen. A DVD disc can contain up to 32 subtitle languages.
TITLE NUMBER	These numbers are recorded on DVD discs. When a disc contains two or more movies, these movies are numbered as Title 1, Title 2, etc.
TRACK NUMBER	These numbers are assigned to the tracks which are recorded on video and audio CDs. They enable specific tracks to be located quickly.
VIDEO CD	Contains recordings of pictures and sound whose quality is roughly comparable to that of video tape. This player also supports video CDs with playback control (version 2.0).
DOLBY DIGITAL	5.1 (or 6) Channel Digital Surround sound reproduced from DVDs and LDs recorded as a digital signals (with DOLBY DIGITAL disc marking). With better sound quality, dynamic range, and directionality than traditional Dolby surround technology, you can enjoy dynamic, realistic sound.

Specifications

GENERAL	Power Consumption	77W	
	Weight	5.5Kg	
	Dimensions (W x H x D)	194 x 172 x 347 mm	
	Operating Temperature Range	+5°C~+35°C	
	Operating Humidity Range	10%~75%	
FM TUNER	Usable Sensitivity	3dB	
	S/N Ratio	60dB	
	Distortion	1.0%	
MW LW SW TUNER	Usable Sensitivity	56dB/40dB(SW)	
	S/N Ratio	40dB	
	Distortion	2%	
VIDEO OUTPUT	Composite Video	1.0Vp-p(75Ω load)	
	S-VIDEO	Luminance signal : 1.0Vp-p(75Ω load)	
		Color Signal : 0.286Vp-p(75Ω load)	
AMPLIFIER	Front speaker output	30W(6Ω)/CH	
	Subwoofer speaker output	50W(3Ω)	
	Frequency range	20Hz~20kHz	
	S/N Ratio	75dB	
	Channel separation	50dB	
	Input sensitivity	(AUX)500mV	
SPEAKER	Speaker system	**2.1ch speaker system**	
		Front speaker	**Subwoofer speaker**
	Impedance	6Ω x 2	3Ω
	Frequency range	75Hz~20kHz	60Hz~250Hz
	Output sound pressure level	84dB/W/M	84dB/W/M
	Rated input	30W	50W
	Maximum input	60W	100W
	Dimensions (W x H x D)	161 x 272 x 198 mm	202 x 171 x 282 mm
	Weights	2.8 Kg	2.9 Kg



Memo

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